

6636

<210> 7434

<211> 78

<212> PRT

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<400> 7434

Ala	Gly	Ala	Gly	Ile	Arg	Lys	Trp	Glu	Ala	Ala	Ala	Pro	His	Pro	Pro
1				5				10					15		

Xaa	Ser	Phe	Arg	Pro	Leu	Leu	Xaa	Pro	Lys	Phe	Ser	Pro	Xaa	Arg	Gly
			20					25					30		

Pro	Phe	Lys	Gly	Pro	Ala	Leu	Arg	Arg	Arg	Ala	Arg	Xaa	Arg	His	Gln
		35				40						45			

Glu	Ala	Gly	Trp	Ala	Gln	Pro	Ser	Leu	Lys	Leu	Ala	Gly	Thr	Gly	Arg
	50					55					60				

Thr	Xaa	Pro	Ser	Arg	Ala	Ser	Xaa	Arg	Lys	Gly	Asn	Arg	Ser
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6637

65

70

75

<210> 7435

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<400> 7435

Gly	Thr	Leu	Arg	Gln	Ala	Ile	Pro	Ala	Pro	Glu	Ser	Gln	Ile	Trp	Xaa
1				5					10					15	

Ala	Glu	Leu	Leu	Ser	Xaa	Leu	His	Cys	Ser	Xaa	Ile	Ser	Xaa	Ser	Ser
			20					25					30		

Gln	Ser	Cys	Phe	Cys
				35

<210> 7436

<211> 67

<212> PRT

<213> Homo sapiens

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6638

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<400> 7436
Arg Arg Cys Trp Ser Ser Asp Trp Pro Gly Lys Ile Arg Ala Leu Glu
1 5 10 15
Arg Ser Lys Glu Gln Leu Leu Ser Xaa Arg Ala Gly Gln Lys Phe Val
20 25 30
Leu Gln Ala Arg Thr Pro Glu Val Ser Asp Gly Ala Xaa Xaa Leu Arg
35 40 45
Lys Ala Gly Leu Ala Glu His Ser Gly Leu Thr Gly Ser Gly Pro Leu
50 55 60
Pro His Xaa
65

<210> 7437
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<213> Homo sapiens

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<400> 7437

Gly	Val	Val	His	Gly	Xaa	Xaa	Gly	Val	Arg	Thr	Ala	Gln	Thr	Xaa	Leu
1				5				10						15	

Xaa	Val	Ser	Ser	Xaa	Xaa	Xaa	Phe	His	Arg	Ser	Phe	Arg	Xaa	Val	Leu
			20					25					30		

<210> 7438

<211> 77

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 1 5 10 15
 Lys Arg Gln Gln Leu Val Thr Val Ala Arg Val Thr Ala Thr Lys Arg
 20 25 30
 Gly Cys Gly Lys Gly Gly Leu Ala Xaa Leu Leu Ala Ala Ala Ala Tyr
 35 40 45
 Gln Ala Ser Tyr Glu Asn Tyr Leu Leu Arg Val Ala Tyr Cys His Val
 50 55 60
 Xaa Asp His Glu Gly Xaa Xaa Ala Leu Arg Ser Ser Glu
 65 70 75

<210> 7439
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 <212> PRT
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6641

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<400> 7439
Gly Gly Pro Cys Asp Ser Asp Thr Xaa Xaa Gln Asp Ile Tyr Glu Phe
1 5 10 15
Lys Xaa Xaa Ile Thr Gln Asp Xaa Ser Trp Ser Thr Leu Arg Ser Ala
20 25 30
Val Tyr Arg
35

<210> 7440
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6642

<400> 7440

His	Tyr	Val	Ile	Ser	Ala	Gln	Cys	Ser	Glu	Cys	Gln	Met	Lys	Lys	Phe
1				5					10					15	

Asn	Glu	Thr	Pro	Val	Asn	Arg	Xaa	Xaa	Xaa	Tyr	Asn	Pro	Leu	Xaa	Val
			20				25						30		

Ser Lys

<210> 7441

<211> 71

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<400> 7441

Trp	Pro	Thr	Tyr	Trp	Trp	Phe	Val	Phe	Asn	Val	Val	Phe	Val	Val	Cys
1				5					10					15	

Cys	Leu	Val	Thr	Gln	Gln	Leu	Gln	Trp	Leu	Ala	Thr	Gly	Val	Val	Tyr
			20				25					30			

Tyr Met Gly Pro Ala Gln Pro Xaa Pro Leu Glu Ala Thr Cys Pro Gln

6643

35 40 45
Ser Ala Arg Xaa Phe Val Leu Val Ala Lys Xaa Asn Asn Val Asn His
50 55 60
Xaa Lys Arg Pro Cys Xaa Leu
65 70

<210> 7442

<211> 50

<212> PRT

<213> Homo sapiens

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<400> 7442

Xaa Ala Gly Lys Ala Xaa Arg Ile Xaa Pro Gly Ile Leu Xaa Ser Thr
1 5 10 15

His Ala Ser Ala Gly Leu Leu Gly Trp Phe Ser Ser Ser Gly Pro Phe
20 25 30

Trp Gly Thr Xaa Xaa Pro Xaa Phe Leu Arg Cys Xaa Phe Pro His Arg
35 40 45

Phe Pro
50

<210> 7443

<211> 65

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7443

Asp Xaa Ala Asn Pro Asp Pro Val Ala Asn Val Tyr Pro Ile Xaa Tyr

6645

1 5 10 15
 Pro Arg Ser Xaa Phe Ser Phe Ala Phe Ile Leu Thr Thr Ala Val Xaa
 20 25 30
 Tyr Ser Ala Leu His Val Arg Pro Phe Phe Gly Cys Cys Val Val Trp
 35 40 45
 Gly Ala Val Ala Val Trp Xaa Leu Val Val Ser His Gly Leu Pro Tyr
 50 55 60
 Thr
 65

<210> 7444

<211> 73

<212> PRT

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<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7444

Ser Val Xaa Arg Phe Thr Arg Ser Phe Ile Ser Phe Leu Arg Pro Leu
 1 5 10 15
 Leu Cys Cys Leu Tyr Cys Cys Ile Phe Ala Lys Ala Val Leu Leu Leu
 20 25 30
 Thr Gly Val Leu Cys Leu Leu Ala Val Thr Leu Leu Tyr Thr Ala Ala
 35 40 45
 Leu Arg Ser Glu Cys Tyr Ala Ala Ala Asn Xaa Ser Thr Asp Ala Tyr
 50 55 60
 Ser Thr Leu Val Leu Leu Ala Tyr Val
 65 70

<210> 7445

<211> 71

6646

<212> PRT

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<400> 7445

Ala	His	Ala	Thr	Gly	Arg	Xaa	Gln	Leu	Ala	Pro	Pro	Arg	Thr	Gly	Thr
1				5					10					15	

Xaa	Ala	Pro	Arg	Leu	Pro	Thr	Xaa	Val	Ala	Asp	Cys	Thr	Cys	Leu	Gly
			20				25					30			

Met	Cys	Leu	Ile	Ser	Xaa	Ala	His	Val	Met	Ala	Arg	Xaa	Ile	Ser	Ser
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6647

	35		40		45	
Tyr	His	Asn	Ala	Ser	Asp	Arg
						Arg
						Phe
						Gly
						Ile
						Xaa
						Xaa
						Arg
						Arg
						Leu
	50				55	
						60
Gln	Xaa	Ala	Cys	Pro	Ile	Met
	65				70	

<210> 7446

<211> 35

<212> PRT

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<400> 7446

Xaa	Phe	Val	Gly	Trp	Xaa	Arg	Trp	Asp	Thr	Gly	Xaa	Ile	Leu	Gly	Lys
1				5				10					15		

Trp	Leu	Xaa	Thr	Phe	Leu	Ser	Arg	Ser	Tyr	Leu	Ala	His	His	Val	Xaa
			20				25					30			

Leu	Asn	Gly
	35	

6648

<210> 7447

<211> 95

<212> PRT

<213> Homo sapiens

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<400> 7447

Gln	Leu	Gln	Ala	Arg	Glu	Asp	Gly	Arg	Leu	Pro	Val	Gln	Gly	Ala	Asn
1				5					10					15	

Cys	Cys	Tyr	Tyr	Val	Asn	Glu	Arg	Trp	Asn	Gly	Arg	Gln	Arg	Lys	Lys
			20					25					30		

Arg	His	Xaa	Asn	Thr	Thr	Asp	Ile	Glu	Trp	Leu	Glu	Pro	Phe	Ala	Glu
		35					40					45			

Arg	Gly	Pro	Gly	Gly	Arg	Ala	Ala	Ala	Gln	Cys	Glu	Gln	Pro	Ile	Met
	50					55					60				

Lys	Lys	Thr	Thr	Thr	Thr	Lys	Ala	Xaa	Val	Val	Gly	Thr	Leu	Trp	Ser
65						70					75				80

Trp	Xaa	Gln	Leu	Gly	Asp	Lys	Lys	Thr	Phe	Trp	Ala	Thr	Gly	Arg
				85					90					95

<210> 7448

<211> 134

<212> PRT

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6649

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6650

<400> 7448

Xaa Xaa Asn Xaa Cys Leu Pro Xaa Leu Pro Val Ile Tyr Leu Val Leu
 1 5 10 15
 Tyr Leu Val Leu Tyr Leu Val Leu Phe Thr Leu Leu Phe Leu Leu Phe
 20 25 30
 Ser Val Cys Ser Arg Val Pro Val Ala Glu Leu Thr Leu Arg Arg Arg
 35 40 45
 Val Trp Tyr Val Leu Val Ala Gly Val Ile Pro Ile Val Val Leu Ile
 50 55 60
 Xaa Thr Ala Val Phe Xaa Val Xaa Thr Val Pro Thr Val Ser Ile Pro
 65 70 75 80
 Ala Leu Ala Thr Ala Thr Pro Thr Ala Val Arg Pro Xaa Asn Arg Ile
 85 90 95
 Gly Ser Met Ser Val Gly Arg Gln Ser Leu Phe Cys Xaa Leu Phe Thr
 100 105 110
 Leu Xaa Arg Phe Lys Leu Tyr Glu Val Cys Arg Val Arg Gly Val Ala
 115 120 125
 Asn Ser Ile Ala Thr Xaa
 130

<210> 7449

<211> 39

<212> PRT

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<400> 7449

His Phe Ser Phe Ser Phe Asn Leu Gln Tyr Leu Trp Arg Ala Ser Arg
 1 5 10 15
 Arg His Gln Ser Thr His Phe Phe Pro Ser Leu Leu Arg Leu Xaa Glu
 20 25 30

6651

Leu Pro Met Asp Xaa Val Arg
35

<210> 7450

<211> 67

<212> PRT

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6652

<400> 7450

Xaa Arg Xaa Leu Pro Ser Xaa Arg Ala Ile Arg Asn Pro Val Lys Ala
1 5 10 15

Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg
20 25 30

Pro Arg Xaa Arg Gly Arg Pro Leu Arg Ser Arg His Xaa Xaa Cys Arg
35 40 45

Lys Glu His Pro Glu Met Lys Gly His Gln Glu Glu Xaa His Tyr Leu
50 55 60

Leu Xaa Gln
65

<210> 7451

<211> 155

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<400> 7451

Val	Xaa	Ile	Val	Lys	Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe
1				5					10					15	

Pro	Gly	Arg	Pro	Thr	Arg	Ser	Val	Xaa	Asp	Glu	Gln	Glu	His	Tyr	Ile
			20					25					30		

Ser	Asp	Asp	Leu	Asp	Ile	Glu	Thr	Lys	Met	Glu	Glu	Gln	Glu	Lys	Asn
		35					40					45			

Pro	Ala	Ser	Ser	Glu	Leu	Glu	Glu	Pro	Ser	Leu	Val	Cys	Glu	Glu	Asp
	50					55					60				

Glu	Ile	Met	Arg	Ser	Lys	Glu	Ser	Pro	Asp	Leu	Ser	Ile	Xaa	His	Ser
65					70					75					80

Gln	Val	Glu	Gln	Leu	Val	Asn	Lys	Thr	Ser	Glu	Leu	Asp	Met	Ser	Glu
				85					90					95	

Ser	Lys	Thr	Arg	Ser	Gly	Lys	Val	Phe	Gln	Asn	Lys	Met	Ala	Asn	Gly
			100					105					110		

Asn	Xaa	Pro	Val	Lys	Ser	Ser	Lys	Glu	Asn	Arg	Lys	Arg	Xaa	Gln	His
		115					120					125			

Glu	Ser	Xaa	Arg	Ile	Val	Xaa	Leu	Met	Ile	Met	Tyr	Arg	Xaa	Asn	Thr
	130					135					140				

Met	Gly	Arg	Ile	Thr	Asn	Ile	Ile	Thr	Thr	Asp
145					150					155

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Ala Val Xaa Phe Leu Xaa Xaa Asn Xaa Thr His Tyr Phe Gly Lys Leu
1 5 10 15

Val Pro Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg
20 25

<210> 7453
<211> 27
<212> PRT
<213> Homo sapiens

<220>
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6655

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<400> 7453

Val	Asp	Met	Xaa	Trp	Lys	Trp	Ile	Xaa	Thr	Leu	Val	Asn	Glu	Gln	Met
1				5				10					15		

Ile	Xaa	Tyr	Val	Leu	Lys	Met	His	His	Pro	Xaa
			20				25			

<210> 7454

<211> 60

<212> PRT

<213> Homo sapiens

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<400> 7454
Arg Xaa Ile Leu His Pro Xaa Xaa Asp Arg His Leu Asp Pro His Ser
1 5 10 15
Pro Xaa Ala Arg Gly Gly Gly Phe Pro Trp Asp Val Lys Gly Trp Pro
20 25 30
Leu Leu Ser Pro Cys Asn Xaa Asn Val Asn Pro Thr Glu Ala Pro Ser
35 40 45
Arg Xaa Pro Glu Ser Trp Xaa Xaa Thr Asn Xaa Val
50 55 60

<210> 7455
<211> 33
<212> PRT
<213> Homo sapiens

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<400> 7455

6657

Thr Ile Phe Xaa Arg Trp Tyr Pro Leu Gln Val Pro Val Arg Asn Ser
 1 5 10 15

Arg Val Asp Pro Xaa Val Arg Phe Xaa Gln Xaa Leu Thr Arg Asp Gly
 20 25 30

Lys

<210> 7456

<211> 50

<212> PRT

<213> Homo sapiens

<400> 7456

Val Asn Thr Asp Gly Phe Pro Leu Ile Phe Gln Phe Tyr Val Glu Ser
 1 5 10 15

Ser Leu Asp Tyr Lys Phe His Met Leu Leu Gly Val Phe Ser Val Cys
 20 25 30

Leu Ile Ala Cys His Trp Lys Val Lys Asn Leu Asp Leu Asp Ile Ile
 35 40 45

Lys Ile
 50

<210> 7457

<211> 48

<212> PRT

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6658

<400> 7457

Gly Gly Pro Phe Gly Ser Arg Arg Gly Ala Gly Gly Ala Gly Ala Gly
1 5 10 15
Pro Gly Gly Gly Gly Ser Gly Gly Val Ala Lys Trp Leu Arg Glu His
20 25 30
Leu Gly Phe Arg Gly Gly Xaa Gly Xaa Xaa Gly Gly Arg Lys Pro Ala
35 40 45

<210> 7458

<211> 42

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<400> 7458
His Tyr Xaa Gly Xaa Glu Ile Tyr Lys Glu Xaa Lys Tyr Xaa Ser Ile
1 5 10 15
Tyr Asn Phe Xaa Lys Arg Phe Asn Val Lys Ile Xaa Trp Ile Cys Xaa
20 25 30
Xaa Asn Asn Thr Tyr Arg Tyr Val Leu Cys
35 40

<210> 7459
<211> 20
<212> PRT
<213> Homo sapiens

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6660

<400> 7459

Asp Arg Leu Xaa Xaa Cys Lys Val Asn Lys Xaa Phe Lys Xaa Lys His
 1 5 10 15

Cys Xaa Trp Thr
 20

<210> 7460

<211> 112

<212> PRT

<213> Homo sapiens

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<400> 7460

Pro Thr Arg Ser Gly Ile His Val Glu Ala Thr Pro Ala Ala Ser Ala
 1 5 10 15

Phe Leu Gly Ala Glu Arg Gln Pro Arg Pro Pro Val Pro Ser Pro Pro
 20 25 30

Ser His His Arg Ser Ser Ala Pro Gly Arg Thr Val Trp Pro Leu Pro
 35 40 45

Val Pro Ala Met Gly Ser Gly Trp Thr Pro Trp Ala Pro Pro Ile Ala
 50 55 60

Lys Pro Gly Arg Gln Leu Ser Leu Val Pro Ala Arg Asp Ser Pro Gly
 65 70 75 80

Phe Pro Ser Ile Leu Met Cys Pro Leu Xaa Pro Leu Gln Arg Pro Pro
 85 90 95

Thr Gln His His Arg Pro Gly Leu Leu Gln Thr Ile Asn Tyr Asn His
 100 105 110

<210> 7461

<211> 20

<212> PRT

<213> Homo sapiens

6661

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<400> 7461
Val Asp Pro Arg Val Arg Xaa Arg Val Gly Xaa Pro Val Leu Leu Xaa
1 5 10 15
Gln Thr Pro Xaa
20

<210> 7462
<211> 105
<212> PRT
<213> Homo sapiens

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6662

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<222> (105)

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<400> 7462

Leu	Lys	Phe	Thr	Leu	Arg	Trp	Phe	His	Phe	Leu	Val	Tyr	Lys	Gly	Arg
1				5					10					15	

Val	Ser	Asp	Xaa	Cys	Pro	Val	Ile	Ser	Gly	Thr	Pro	Ser	Gly	Lys	Glu
			20					25					30		

Ala	Glu	Gly	Pro	Ser	Tyr	Gly	Arg	Val	His	Pro	Val	Arg	Pro	Ser	Thr
		35					40					45			

Thr	Lys	Val	Ser	Trp	Phe	Pro	Phe	Leu	Pro	Ser	Tyr	His	Ser	Phe	Pro
	50					55					60				

Gly	Ser	His	Pro	Leu	His	Ile	Gln	Gln	Xaa	Gly	Leu	Thr	Phe	Leu	Cys
65					70					75					80

Xaa	Ser	Trp	Glu	Asn	Thr	Ser	Leu	Leu	Gln	Cys	Lys	Val	Arg	Leu	Asp
				85					90					95	

Lys	Gln	Ala	Gly	Val	Xaa	Glu	Ala	Xaa
		100					105	

<210> 7463

<211> 30

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7463

Thr	Phe	Gly	Lys	Ala	Gly	Pro	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro
1				5					10					15	

6663

Gly Arg Pro Thr Arg Pro Phe Ala Ser Lys Ala Xaa Arg Xaa
 20 25 30

<210> 7464

<211> 39

<212> PRT

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7464

Xaa Xaa Leu Arg Arg Cys Gly Leu Leu Xaa Ile Asp Leu His Xaa Asn
 1 5 10 15

Xaa Tyr Met Thr Xaa Thr Thr Pro Lys Glu Ile Leu Arg Ile Trp His
 20 25 30

Ser Tyr Ser Leu Cys Val Ile
 35

6664

<210> 7465

<211> 89

<212> PRT

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<400> 7465

Phe	Leu	Tyr	His	Leu	Phe	Leu	Glu	Ala	Phe	Arg	Ser	Pro	Val	Phe	Arg
1				5					10					15	

His	Gly	Thr	Asp	Lys	Asn	Gly	Phe	Ser	Leu	Gly	Phe	Ser	Lys	Asn	Met
			20					25					30		

Arg	Gln	Val	Phe	Gly	Asp	Glu	Lys	Lys	Tyr	Trp	Leu	Leu	Pro	Ile	Phe
		35					40					45			

Ser	Ser	Leu	Gly	Asp	Gly	Cys	Ser	Phe	Pro	Thr	Cys	Leu	Val	Asn	Gln
	50					55					60				

Asp	Pro	Glu	Gln	Ala	Ser	Thr	Pro	Cys	Arg	Ala	Glu	Phe	His	Ser	Leu
65					70				75						80

Lys	Ser	Arg	Lys	Pro	Xaa	Ser	Xaa	Leu
				85				

<210> 7466

<211> 19

<212> PRT

<213> Homo sapiens

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<222> (11)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<400> 7466
Ala Xaa Trp Ala Asp Phe Asp Ser Xaa Xaa Xaa Phe Gly Phe Gly Xaa
1 5 10 15

Ser Lys Pro

<210> 7467
<211> 99
<212> PRT
<213> Homo sapiens

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 <400> 7467
 Thr Lys Xaa Gly Glu Leu Ile Ser Val Pro Leu Leu Xaa Xaa Gly Tyr
 1 5 10 15
 Val Leu Val Arg Gly Ser Ser Asp Lys Asn Gln Ile Ser Ser Thr Ile
 20 25 30
 Ser Leu Leu Lys Tyr Leu Xaa Xaa Gly Tyr Ser Ile Gly Thr Pro Leu
 35 40 45
 Asp Gly Pro Lys Gly Pro Lys Glu Xaa Xaa Lys Lys Gly Leu Xaa Tyr
 50 55 60
 Xaa Ser Gln Lys Thr Ser Ile Pro Leu Val Pro Val Gly Ile Ser Tyr
 65 70 75 80
 Ser Xaa Lys Trp Ile Leu Lys Lys Thr Trp Asp Lys Xaa Glu Ile Pro

6667

85

90

95

Lys Pro Phe

<210> 7468

<211> 21

<212> PRT

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<400> 7468

Thr Ser Glu Val Thr Leu Leu Gly Ile Glu Asn Ala Thr Thr Trp Xaa

1

5

10

15

Pro Xaa Glu Xaa Xaa

20

<210> 7469

<211> 62

<212> PRT

<213> Homo sapiens

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<222> (6)

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6668

<400> 7469

Val Lys Leu Arg Asp Xaa Gly Leu Ser Gly Arg Gly Phe Ala Thr Glu
1 5 10 15

Met Thr Cys Met Trp Gln Pro Pro Glu Pro Glu Asp Met Gln Pro Arg
20 25 30

Ala Glu Ser Glu Ala Asp Pro Leu Arg Ala His Ser Leu Pro Phe Pro
35 40 45

Ser Arg Ile Pro Ser Ser Lys Gln Ala Ile Leu Lys Ser Leu
50 55 60

<210> 7470

<211> 33

<212> PRT

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<400> 7470

6669

Gln Gly Glu Ser Xaa Leu Thr Thr Xaa Xaa Xaa Trp Pro Ala Glu Gln
1 5 10 15

Ala Pro Xaa Arg Asn Ser Arg Val Asp Pro Arg Ala Phe His Pro Xaa
20 25 30

Ala

<210> 7471

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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6670

<400> 7471

Xaa Asn Val Xaa Arg His Ala Leu Arg Xaa Leu Ile His Leu His Xaa
1 5 10 15

Arg Val Ala Pro Ser Lys Leu Glu Ala Xaa Gln Lys Ala Leu Glu Pro
20 25 30

Thr Gly Gln Ser Gly Ile Gly Ser Glu Xaa Ala Xaa Leu Pro
35 40 45

<210> 7472

<211> 77

<212> PRT

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6671

<400> 7472

Ala Ala Glu Cys Arg Gly Met Glu Gly Glu Pro Pro Trp Glu Gly Ala
1 5 10 15

Arg Gly Leu Ala Glu Gln Leu Gly Gly Val Arg Glu Val Arg Arg Cys
20 25 30

Pro Gly Gln Gly Ala Xaa Ala Leu Met Xaa Asp Ser Ser Xaa Gln Ser
35 40 45

Xaa Gly Ala Met Arg Thr Ala Xaa Ala Xaa Glu Ser Gly Val Ala Ser
50 55 60

Pro Pro Gln Ala Val Leu Ala Thr Gln Xaa His Tyr Pro
65 70 75

<210> 7473

<211> 22

<212> PRT

<213> Homo sapiens

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<400> 7473

Leu Phe Thr Xaa Xaa Asp Ala Phe Arg Tyr Leu Ala Leu Met Trp Glu
1 5 10 15

Glu Xaa Ile Asp Leu Xaa
20

6672

<210> 7474
<211> 91
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6673

<400> 7474

Xaa	Ile	Asn	Gln	Lys	Asn	Xaa	Gly	Gly	Pro	Pro	Pro	Glu	Arg	Ala	Ser
1				5					10					15	
Phe	Leu	Ala	Leu	Gly	Xaa	Gln	Xaa	Pro	Pro	Leu	Lys	Pro	Phe	Pro	Ser
			20					25					30		
Phe	Gln	Pro	Tyr	Gly	Pro	Ser	Gln	Glu	Gly	Glu	Glu	Ser	Pro	Arg	Ser
		35					40					45			
Xaa	Xaa	Gly	Arg	Lys	Gln	Ala	Xaa	Pro	Trp	Pro	Pro	Thr	Gly	Phe	Lys
	50					55					60				
Asn	Pro	Lys	Pro	Lys	Val	Pro	Leu	Pro	Leu	Gly	Ala	Gln	Gly	Pro	Xaa
65					70					75					80
Ile	Xaa	Lys	Lys	Trp	Lys	Asn	Leu	Glu	Gln	Leu					
				85					90						

<210> 7475

<211> 48

<212> PRT

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<400> 7475

Xaa	Ser	Ile	Leu	Xaa	Ile	Pro	Phe	Ile	Xaa	Lys	Ala	Ser	Thr	Pro	Ala
1				5					10					15	

Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Leu	Ser	Val	Xaa	Val
			20					25					30		

Ala	Pro	Ser	Cys	Gly	Leu	Xaa	Xaa	Pro	Val	Xaa	Met	Ser	Ser	Xaa	Arg
		35					40					45			

<210> 7476

<211> 33

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7476

Xaa	Asn	Pro	Val	Lys	Ala	Cys	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe
1				5					10					15	

Pro	Gly	Arg	Pro	Thr	Arg	Pro	Xaa	Arg	Val	Arg	Pro	Arg	Val	Arg	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6675

20

25

30

Arg

<210> 7477

<211> 58

<212> PRT

<213> Homo sapiens

<400> 7477 .

Val Ser Thr Arg Leu Glu Thr Val Met Cys Pro Ala Trp Leu Ala Leu
1 5 10 15

Ala Ser His Ser Ala Leu Cys Val Gln Gly Ala Ser Gly His Ser Asp
20 25 30

Glu Asp Leu Val Thr Ser Ala Gln His Arg Arg Gln Val Glu Glu Asp
35 40 45

Gly Lys Leu Arg Gly Phe Phe Arg Glu Lys
50 55

<210> 7478

<211> 33

<212> PRT

<213> Homo sapiens

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6676

<400> 7478

Xaa	Ser	Arg	Cys	Arg	Pro	Arg	Xaa	Leu	Val	Xaa	Leu	Thr	Trp	Glu	Pro
1				5				10						15	

Leu	Leu	Tyr	Leu	Xaa	Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Ser
			20					25					30		

Pro

<210> 7479

<211> 20

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7479

His	Asp	Ile	Leu	Leu	Glu	Phe	Ser	Ala	His	Met	Leu	Thr	Asp	Xaa	Xaa
1				5					10					15	

Xaa	Gly	Xaa	Xaa
			20

6677

<210> 7480

<211> 27

<212> PRT

<213> Homo sapiens

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<400> 7480

Pro	Arg	Ser	Phe	Phe	Trp	Gly	Lys	Lys	Lys	Pro	Pro	Ser	Pro	Phe	Phe
1				5					10					15	

Gly	Gly	Lys	Lys	Xaa	Xaa	Xaa	Pro	Leu	Leu	Trp
			20					25		

<210> 7481

<211> 23

<212> PRT

<213> Homo sapiens

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<400> 7481

6678

Ala Xaa Ala Arg Ser Xaa Pro Phe Leu Gly Ala Trp Leu Met Trp Met
1 5 10 15

Xaa Glu Gly Leu Gly Pro Leu
20

<210> 7482

<211> 80

<212> PRT

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<400> 7482

Ile	Asp	Xaa	Cys	Ser	Leu	Pro	Ser	Xaa	Cys	Pro	Ser	Pro	Gly	Leu	His
1				5				10					15		

Ile	Leu	Thr	Gly	Leu	Xaa	Pro	Phe	Xaa	Gln	Met	Xaa	Val	Phe	Leu	Pro
			20					25					30		

Leu	Phe	Thr	Leu	Gln	Leu	Lys	Phe	Asn	Tyr	Leu	Lys	Xaa	Xaa	Xaa	Tyr
		35					40					45			

Xaa	Ser	Phe	Pro	Trp	Leu	Gln	Thr	Phe	Xaa	Leu	Pro	Leu	Arg	Leu	Lys
	50					55					60				

Leu	Xaa	Phe	Leu	Thr	Val	Tyr	Ser	Val	Gln	Leu	Pro	Thr	Phe	Leu	Xaa
65					70					75					80

<210> 7483

<211> 54

<212> PRT

<213> Homo sapiens

<400> 7483

Ser	Phe	Val	Ile	Gln	Gly	Gly	Gln	Glu	Lys	Gly	Tyr	Gly	Ala	Ala	Glu
1				5					10				15		

6680

Leu Ser Asn Ser Leu Arg Gln Glu Lys Arg Lys Glu Lys Met Tyr Ile
 20 25 30

Phe Lys Phe Gln Phe Lys Pro Leu Leu Val Thr Lys Cys Phe Asp Met
 35 40 45

Ile Ser His Thr Lys Ser
 50

<210> 7484

<211> 64

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7484

Gln Lys Lys Glu Leu Arg Ala Val Ser Met Glu Arg Arg Xaa Gly Cys
 1 5 10 15

Leu Ser Trp Leu Ala Leu Ser Leu Ala His Tyr Gln Lys Thr Ser Arg
 20 25 30

Glu Gln Leu Xaa Lys Gly Phe Gly Ile Lys Ile Cys Leu Lys Lys Tyr
 35 40 45

Pro Glu Ile Gly Phe Pro Ile Lys Thr Leu Pro Ile Phe Ser Lys Ile
 50 55 60

<210> 7485

<211> 41

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<213> Homo sapiens

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6681

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<400> 7485
Leu Xaa Arg Lys Tyr Xaa Tyr Tyr Arg Val Ser Trp Tyr Ala Cys Arg
1 5 10 15
Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Xaa Xaa Asp Ala Xaa
20 25 30
Gly Glu Lys Leu Leu Ser Pro Gly Ala
35 40

<210> 7486
<211> 21
<212> PRT
<213> Homo sapiens

<220>
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6682

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<400> 7486
Arg Thr Xaa Xaa Gln Asp Leu Arg Arg Glu Ile Asp Leu Pro Lys Arg
1 5 10 15
Asp Arg Phe Xaa Xaa
20

<210> 7487
<211> 20
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7487
Ala Asn Ser Xaa Ser Thr Pro Asp Tyr Leu Phe Asp Met Gly Gln Xaa
1 5 10 15
Xaa Glu Tyr Xaa
20

6683

<210> 7488
<211> 13
<212> PRT
<213> Homo sapiens

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<400> 7488
Met Thr Phe Xaa Thr Ser Xaa Xaa Lys Ala Tyr Arg Xaa
1 5 10

<210> 7489
<211> 22
<212> PRT
<213> Homo sapiens

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6684

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7489

Ala	Ser	Glu	Xaa	Gly	Glu	Leu	Ile	Pro	Pro	Ser	Lys	Pro	Ser	Leu	Gly
1				5				10						15	

Trp	Val	Gln	Trp	Xaa	Xaa
		20			

<210> 7490

<211> 81

<212> PRT

<213> Homo sapiens

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<400> 7490
 Cys Tyr Ser Ser Glu Xaa Val Leu Pro Gln Xaa Pro Val Arg Asn Ser
 1 5 10 15
 Arg Val Asp Pro Arg Val Arg Pro Arg Phe Ser Xaa Thr Xaa Leu Tyr
 20 25 30
 Arg Glu Lys Xaa Gly Leu Leu Trp Ala Ser Tyr Ala Glu Xaa Tyr Xaa
 35 40 45
 Arg Xaa Val Arg Lys Ile Met Met His Gln Leu Ser Ser Lys Ser Ser
 50 55 60
 Leu Xaa Leu Phe Thr Ala Leu Xaa Leu Leu Xaa Pro Xaa Ala Asp Gly
 65 70 75 80
 Cys

<210> 7491
 <211> 27
 <212> PRT
 <213> Homo sapiens

6686

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<222> (20)
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7491
Xaa Cys Leu Tyr Tyr Tyr Ser Pro Ile Ile Xaa His Tyr Glu Ile Met
1 5 10 15
Ile Ile Gln Xaa Asp Ser Lys Xaa Tyr Asn Ile
20 25

<210> 7492
<211> 24
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>
<221> SITE

6687

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<400> 7492

Glu	Leu	Cys	Leu	Cys	Leu	Leu	Asn	Ile	Xaa	Xaa	Asn	Xaa	Trp	Phe	Thr
1				5					10					15	

Lys	Ile	Xaa	Arg	Lys	Arg	Gly	Lys
				20			

<210> 7493

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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<400> 7493

Phe	Ser	Ser	Ile	Leu	Ala	Gly	Ser	Glu	Tyr	Ala	Thr	Xaa	Lys	Ile	Glu
1				5					10					15	

Thr	Ser	Lys	Ile	His	Ser	Met	Ser	Arg	Leu	Phe	Thr	Asp	Gly	Val	Thr
			20					25					30		

Lys	Asn	Asn	Glu	Val	Asn	Val	Val	Ala	Ser	Gly	Lys	Asn	Thr	Gly	Gly
		35					40					45			

Ile	Gly	Lys	Gly	Trp	Val	Gly	Gly	Leu	Leu	Phe	Phe	Ala	Phe	Ala	Pro
	50					55				60					

Leu	Ser	Ser	Phe	Val	Leu	Ser	Ser	Asn	Arg	His	Leu	Leu	Phe	Ala	Lys
65					70				75						80

His Met

<210> 7494

<211> 45

<212> PRT

<213> Homo sapiens

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6688

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7494

Xaa	Ile	Leu	Xaa	Lys	Leu	Leu	Thr	Ile	Val	Lys	Ala	Gly	Thr	Pro	Ala
1				5					10					15	

Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Pro	Leu	Pro	Leu
			20					25					30		

Cys	Gln	Val	Trp	Trp	Lys	Xaa	Gly	Gln	Xaa	Xaa	Lys	Asn
		35					40					45

<210> 7495

<211> 18

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6689

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7495

Asp	Leu	Tyr	Tyr	Xaa	Xaa	Ser	Trp	Tyr	Xaa	Cys	Arg	Tyr	Arg	Ser	Gly
1				5					10					15	

Ile Pro

<210> 7496

<211> 68

<212> PRT

<213> Homo sapiens

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<400> 7496

Ser	Pro	Xaa	Trp	Asp	Xaa	Cys	Xaa	Xaa	Arg	Ser	Gly	Xaa	Pro	Gly	Ser
1				5					10					15	

Thr	His	Ala	Ser	Ala	His	Ser	Val	Leu	Glu	Phe	Phe	Ser	Phe	Glu	Ser
			20					25					30		

Tyr	Val	Gly	Gly	Leu	Xaa	Asp	Tyr	Val	Ser	Ile	Lys	Leu	Met	Gly	Leu
		35				40						45			

Xaa	Gly	Ala	Pro	Xaa	Glu	Ser	Xaa	Xaa	Val	Leu	Asp	Asn	Leu	Leu	Ser
	50					55					60				

Ala	Leu	Leu	Cys
	65		

<210> 7497

<211> 94

<212> PRT

<213> Homo sapiens

<400> 7497

Leu	Ala	Cys	Phe	Tyr	Asn	Phe	Ile	Phe	Gln	Ile	Leu	Thr	Thr	Thr	Ala
1				5					10					15	

Phe	Arg	Val	Val	Ile	Leu	Leu	Phe	Leu	Lys	Gln	Glu	Ile	Thr	Ile	Cys
			20					25					30		

Ile	Cys	Thr	Cys	Val	Leu	His	Met	Asn	Tyr	Gly	Ile	Leu	Gly	Lys	Cys
	35						40					45			

Phe	Ser	Phe	Thr	Cys	Glu	Asn	Ser	Glu	Ser	Trp	Ser	Lys	Leu	His	Cys
	50					55					60				

6691

Ile Pro Asn Cys Ala Leu Ile Tyr Tyr Leu His Arg Val Leu Phe Asn
65 70 75 80

Gln Ile Ala Cys Phe Ser Phe Ile Ile Val Ser Phe Leu Leu
85 90

<210> 7498

<211> 47

<212> PRT

<213> Homo sapiens

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<222> (3)

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<400> 7498

Xaa Pro Xaa Glu Thr Pro His Ser Xaa Xaa Gly Lys Leu Ala Arg Leu

6692

1 5 10 15
 Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Phe Arg Arg Ser
 20 25 30
 Leu Pro Leu Val Lys Glu Gly Val Xaa Pro Glu Ser Xaa Xaa Ser
 35 40 45

<210> 7499

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<400> 7499

Glu Phe Ala Leu Arg Ser Ala Ser Ile Leu Leu Ala Ser Xaa Cys Ile
 1 5 10 15

Ala Phe Val Ile Arg Arg Thr Asn Ser Arg Leu Asn Met Lys Gly Phe
 20 25 30

Ser Ser Val Ser Ser Lys Lys Ala Ser Leu Ser Ser His Leu Thr Ser
 35 40 45

Asn Ser Phe Pro Val Cys Gln Leu Gln Ser Gln His
 50 55 60

<210> 7500

<211> 43

<212> PRT

<213> Homo sapiens

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6693

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<400> 7500
Val Leu Ile Ile Leu Arg Gln Arg Trp Val Glu Phe Glu Asn Asn Xaa
1 5 10 15
Asn Xaa Pro Phe Val Ile Xaa Pro Phe Thr Met Leu Cys Gln Lys Ile
20 25 30
Arg Ile Ser Ile Leu Gly Xaa Xaa Ile Thr Met
35 40

<210> 7501
<211> 35
<212> PRT
<213> Homo sapiens

<220>
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6694

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<400> 7501

Xaa	Leu	Asp	Asn	Pro	Xaa	Ser	Lys	Gly	Arg	Arg	Gln	Arg	Gln	Ala	Glu
1				5				10						15	

Glu	Ala	Glu	Ala	Xaa	Glu	Gly	Ala	Xaa	Glu	Lys	Gly	Xaa	Glu	Gly	Leu
			20					25					30		

Asn	Xaa	Gly
		35

<210> 7502

<211> 36

<212> PRT

<213> Homo sapiens

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<400> 7502

Arg	Pro	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Leu	Pro	Xaa	Arg
1				5				10						15	

6695

Xaa Phe Lys Pro Tyr Asn Lys Leu Lys Asn Arg Xaa Thr Xaa Asn Glu
20 25 30

Asn Pro Glu Asn
35

<210> 7503
<211> 52
<212> PRT
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6696

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<220>

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<400> 7503

Lys	Gly	Arg	Lys	Xaa	Gln	Asp	Arg	Ser	Gly	Ile	Pro	Gly	Ser	Thr	Pro
1				5					10					15	

Leu	Pro	Arg	Thr	Xaa	Phe	Lys	Xaa	Ala	Thr	Xaa	Ser	Leu	Glu	Leu	Gly
			20					25					30		

Ala	Thr	Leu	Xaa	Xaa	Ala	Leu	Xaa	Ser	Ile	Xaa	Leu	Tyr	Gly	Thr	Xaa
		35					40					45			

Val	Tyr	Gln	Ile
	50		

<210> 7504

<211> 23

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7504

Phe	Xaa	Thr	Gln	Gly	Xaa	Ala	Gly	Pro	Gly	Gly	Ala	Leu	Gly	Ser	Lys
1				5					10					15	

Pro	Ala	Xaa	Gln	Asp	Asp	Glu
			20			

6697

<210> 7505

<211> 116

<212> PRT

<213> Homo sapiens

<220>

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<400> 7505

Trp	Gly	Phe	Val	Ser	Ala	Pro	Arg	Lys	Trp	Arg	Arg	Gly	Pro	Trp	Arg
1				5					10					15	

Pro	Leu	Pro	Arg	Gly	Gln	Arg	Arg	Thr	Pro	Ser	Pro	Pro	Leu	Gly	Ala
			20					25					30		

Pro	Ala	Ala	Gly	Pro	Ala	Pro	Pro	Pro	Ala	Pro	Ser	Leu	Thr	Arg	Leu
		35					40					45			

Ser	Pro	Pro	Leu	Xaa	Pro	Leu	Glu	Thr	Leu	Ala	Ile	Leu	Phe	Arg	Gly
	50					55					60				

Leu	Leu	Asp	Arg	Pro	Cys	Tyr	Leu	Gln	Arg	Val	Cys	Arg	Ala	Arg	Glu
65					70					75					80

6698

Thr Arg Asp Arg Arg Pro Xaa Ser Gly Xaa Ser Trp Gly His Leu Gly
85 90 95

Lys Asp Ala Asp Ala Ser Leu Glu Leu Ala Leu Ala Xaa Gly Ser Xaa
100 105 110

Phe Thr Ala Xaa
115

<210> 7506

<211> 32

<212> PRT

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6699

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<400> 7506

Arg	Pro	His	Xaa	Lys	Asn	Xaa	Xaa	Lys	Xaa	Pro	Leu	Xaa	Val	Pro	Val
1				5				10					15		

Arg	Xaa	Xaa	Arg	Asp	Val	Pro	Arg	Asp	Leu	Phe	Lys	Arg	Lys	Xaa	Asn
			20					25					30		

<210> 7507

<211> 109

<212> PRT

<213> Homo sapiens

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<400> 7507

Gly	Pro	Pro	Pro	Arg	Cys	Cys	Ser	Pro	Arg	Asn	Ser	Thr	Ala	Phe	Glu
1				5				10					15		

6700

Tyr Leu Glu Glu Phe Pro Ile Gln Met Leu Ala Gln Leu Glu Thr Leu
 20 25 30
 Thr Gly Arg Lys Ala Lys His Gly Leu Phe Ala Ser Thr Trp Asn Met
 35 40 45
 Ala Glu Ile Ser Leu Ala Pro Thr Arg Thr Ser Ser Leu Met Thr Gly
 50 55 60
 Leu Trp Gly Thr Gln Lys Met Pro Gly Ser Leu Thr Phe Phe Ile Leu
 65 70 75 80
 Xaa Ser Thr Thr Ile Asp Thr Xaa Pro Pro Xaa Ser Arg Ser Leu Pro
 85 90 95
 Ser Pro Thr Xaa Gly Leu Leu Lys Thr Xaa Arg Cys Lys
 100 105

<210> 7508
 <211> 57
 <212> PRT
 <213> Homo sapiens

<400> 7508
 Asn Val Ile Ser Ser Cys Asn Gln Tyr Lys Val Ile Lys Met Phe Ser
 1 5 10 15
 Cys Gln Ile Leu Asn Leu Val Cys Asn Phe Ile Leu Ser Thr Ser Gln
 20 25 30
 Ala Ile Cys Gln Met Leu Gly Ser Arg Met Trp Leu Gly Asp Tyr Arg
 35 40 45
 Met Gly Gln Cys Arg Ser Arg Ile Trp
 50 55

<210> 7509
 <211> 18
 <212> PRT
 <213> Homo sapiens

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<400> 7509
Xaa Phe Lys Asn Arg Thr Ser Thr Thr Arg Tyr Gly Xaa Xaa Leu Lys
1 5 10 15

Lys Gln

<210> 7510
<211> 43
<212> PRT
<213> Homo sapiens

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<400> 7510
Ala Ser Asn Lys Leu Ala Leu Lys Xaa Ile Lys Gln Lys Tyr Asn Tyr
1 5 10 15

6702

Lys Glu Lys Leu Ala Asn Xaa His Leu Gln Trp Glu Asn Cys Ile Xaa
 20 25 30

Leu Ser Xaa Asn Xaa Arg Thr Ser Lys Gln Asn
 35 40

<210> 7511

<211> 32

<212> PRT

<213> Homo sapiens

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<400> 7511

Ala Ala Xaa Lys Ser Gly Xaa Asn Xaa Arg Gly Leu Ser Leu Val Ala
 1 5 10 15

His Ile Trp Tyr Leu Ile Gly Tyr Lys Leu Glu Leu Phe Ala Asn Xaa
 20 25 30

<210> 7512

<211> 17

<212> PRT

<213> Homo sapiens

6703

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<400> 7512
Arg Phe Phe Ser Lys Val Lys Met Asp Xaa Gly Leu Xaa Arg Xaa Phe
1 5 10 15

Xaa

<210> 7513
<211> 129
<212> PRT
<213> Homo sapiens

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 1 5 10 15
 Gly Thr Pro Ala Gly Thr Gly Pro Glu Xaa Pro Gly Arg Pro Thr Leu
 20 25 30
 Phe Ala Xaa Pro Xaa Xaa Gly Xaa Pro Arg Xaa Gly Ser Lys Lys Arg
 35 40 45
 Thr Xaa Arg Thr Gly Thr Gln Thr Xaa Thr Xaa Xaa Asn Ala Glu Arg
 50 55 60
 Gly Xaa Xaa Thr Ser Xaa Ala Ser Pro Arg Xaa His Xaa His Xaa Ser
 65 70 75 80

6707

Xaa Pro Xaa Xaa Xaa Pro Xaa Lys Leu Arg Arg Ala Xaa Arg Thr Xaa
85 90 95

Ser Arg Pro Ser Gly Ala Lys Gly Met Gln Gly Thr Xaa Pro Gly Tyr
100 105 110

Gln Xaa Gly Asp Pro Arg Arg Thr Gln Met Lys Gln Xaa Xaa Thr Glu
115 120 125

Xaa

<210> 7514

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

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<400> 7514

Lys Lys Gln Glu Thr Xaa Pro Asn Xaa Ala Lys Asn Ile Arg Ala Gly
1 5 10 15

Xaa Ala Arg Xaa Asn Gly Arg Thr Asp Gly Xaa Asp Gly Asn Gln Pro
20 25 30

Lys Ala Asp Thr Gly Arg Xaa Asp Xaa Lys Ala
35 40

<210> 7515

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<400> 7515

Ile Gly Lys Thr Xaa Thr Xaa Pro Xaa Lys Pro Leu Thr Ile Phe Glu
1 5 10 15

Xaa Lys Gly Pro Pro Ala Gly Thr Gly Pro Xaa Phe Pro Gly Arg Leu

6709

20

25

30

<210> 7516

<211> 38

<212> PRT

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<400> 7516

Pro	Asp	Pro	His	Thr	Pro	Xaa	Gly	Glu	Lys	Xaa	Pro	Xaa	Pro	Gln	Thr
1					5				10					15	

Ile	Arg	Gln	Glu	Ile	Thr	Gln	Gly	Tyr	Thr	Glu	Lys	Ile	Tyr	Pro	Glu
			20					25					30		

Arg	Tyr	Xaa	Thr	Pro	Thr
			35		

<210> 7517

<211> 38

<212> PRT

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6710

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<400> 7517
Xaa Ala Ala Ser Xaa Glu His Arg Pro Arg Thr Lys Thr Arg Thr Thr
1 5 10 15
Gly Thr Thr Pro Thr Glu Leu Lys Arg Arg Thr Ser Arg Lys Thr Xaa
20 25 30
Xaa Thr Glu Thr Xaa Lys
35

<210> 7518
<211> 26
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7518
Val Ser Xaa Xaa Xaa Pro Glu Asp His Xaa Thr Ala Arg Met Leu
1 5 10 15

Met Val Ile Cys Ile Lys Met Asn Asn Phe
20 25

<210> 7519
<211> 35
<212> PRT
<213> Homo sapiens

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<400> 7519
His Asn Thr Tyr His Arg Glu Asn Arg Xaa Ala Arg Arg Xaa Arg Ser
1 5 10 15

6712

Gly Xaa Pro Gly Ser Thr His Ala Phe Xaa Pro Asn Met Ala Gly Gln
 20 25 30

Asp Gly Gly
 35

<210> 7520

<211> 105

<212> PRT

<213> Homo sapiens

<400> 7520

Leu Gly Lys Lys Ala Glu Gln Leu Ser Ser Arg His Ile Pro Ala Gly
 1 5 10 15

Trp Gly Pro His Ser Arg Lys Gly Leu Asp Trp Leu Ser Phe Pro Val
 20 25 30

Ala Trp Leu Arg Cys Val Asp Gly Glu Ile Gly Ala Arg Gly Arg Thr
 35 40 45

Leu Val Arg Lys Leu Gln Ser Cys Ser Leu Pro Ser Pro Ser Cys Leu
 50 55 60

His Gly Ala Ser Gly Gly Leu Trp Ala Ser Ser Asn Arg Gly Trp Trp
 65 70 75 80

Ala Pro Arg Ala Asn Gly Val Asp Pro Trp Leu Val Arg Ala Lys Ser
 85 90 95

His Arg Leu Leu Leu Gly Lys Gly Phe
 100 105

<210> 7521

<211> 67

<212> PRT

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6713

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<400> 7521

Gly	Met	Ala	Asp	Leu	Leu	Glu	Ser	Ser	Cys	Pro	Phe	Thr	Glu	Ser	Gly
1				5					10					15	

Gly	Thr	Leu	Phe	His	Ser	Ser	Xaa	Thr	Gly	Arg	Cys	Leu	Xaa	Phe	Phe
			20					25					30		

Phe	Leu	Ile	Ser	Leu	His	Arg	Glu	Arg	Glu	Leu	Phe	Pro	Lys	Thr	His
			35				40					45			

Phe	Ile	Phe	Leu	Leu	Ala	Met	Xaa	Ser	Ala	Arg	Val	Lys	Lys	Phe	Leu
	50					55					60				

Lys	Ser	Asn
65		

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<211> 47

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 1 5 10 15
 Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Leu Thr Gly Glu
 20 25 30
 Gly Met Asp Glu Met Glu Phe Thr Xaa Val Gly Cys Xaa Thr Xaa
 35 40 45

<210> 7523
 <211> 35
 <212> PRT
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6715

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<400> 7523

Val	Xaa	Val	Leu	Asp	Arg	Glu	Arg	Pro	Pro	Xaa	Phe	Phe	Leu	Ile	Phe
1				5				10					15		

Phe	Phe	Xaa	Phe	Phe	Gly	Ile	Ile	Asn	Ile	Ser	Phe	Glu	Met	His	Ile
			20					25					30		

Xaa	Xaa	Glu
		35

<210> 7524

<211> 51

<212> PRT

<213> Homo sapiens

<220>

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Leu	Leu	Cys	Leu	Arg	Asn	Ser	Lys	Arg	Phe	Val	Leu	Xaa	Ala	Ser	Arg
1				5				10					15		

Arg	Ile	Gly	Thr	His	Met	Gly	Leu	Asp	Val	Arg	Phe	Cys	Arg	Pro	Glu
			20					25					30		

Pro	Ser	Gln	Gly	Ser	Trp	His	Val	Phe	Leu	His	Leu	Cys	Arg	Leu	Thr
		35					40					45			

Glu	Met	Ser
		50

<210> 7525

<211> 80

<212> PRT

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6717

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<400> 7525
 Lys Xaa Gly Glu Ile Trp Gly Gly Xaa Pro Leu Lys Gly Gly Lys Lys
 1 5 10 15
 Phe Gly Glu Leu Pro Gln Xaa Gln Phe Leu Leu Pro Thr Leu Xaa Phe
 20 25 30
 Xaa Gly Glu Lys Thr Gln Thr Pro Xaa Ile Xaa Gly Gly Xaa Leu Lys
 35 40 45
 Pro Xaa Pro Pro Arg Xaa Xaa Gln Thr Ser Gly Xaa Val Ser Phe Gly
 50 55 60
 Lys Pro Asn Phe Xaa Pro Xaa Val Ser Ile Xaa Xaa Leu Gly Asn Phe
 65 70 75 80

<210> 7526
 <211> 69
 <212> PRT
 <213> Homo sapiens

6718

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7526

Ser Thr Xaa Val Gly Thr Ala Ala Xaa Leu Pro Gly Pro Thr His Ala
1 5 10 15

Ser Gly Gly Arg Thr Pro Glu Pro Trp Ala Leu Leu Gly Met Pro Leu
20 25 30

Asn Pro Val Ser Phe Thr Asp Ser Leu Gly Leu Ser Ser Leu Asp Ser
35 40 45

Arg Pro Pro Thr Val Thr Val Ser Val Phe Phe Ala Ala Glu Leu Val
50 55 60

His Arg Asp Asp Gly
65

<210> 7527

<211> 85

<212> PRT

<213> Homo sapiens

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<220>

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6719

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<222> (66)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (84)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7527

Ile	Ile	Thr	Val	Arg	Val	Arg	Asp	Arg	Arg	Gln	Ser	Leu	Ser	Thr	Leu
1				5				10						15	

Cys	Xaa	Ser	Leu	Lys	Glu	Xaa	Gln	Leu	Gly	Ile	Gln	Glu	Trp	Lys	Asn
			20					25					30		

Thr	Glu	Ser	Gln	Pro	Phe	Phe	Phe	Leu	Phe	Lys	Thr	Lys	Thr	Lys	Phe
			35				40					45			

Ile	Leu	Gly	Met	Val	Ser	Ser	Xaa	Leu	Glu	Cys	Xaa	Arg	Glu	Lys	Lys
	50					55					60				

Arg	Xaa	Phe	Pro	Arg	His	Tyr	Leu	Lys	Ile	Asn	Ser	Phe	His	Leu	Asn
65					70					75					80

Xaa	Gly	Pro	Xaa	Trp
				85

<210> 7528

<211> 43

<212> PRT

<213> Homo sapiens

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<222> (14)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7528

Gly	Leu	Gln	Glu	His	Pro	Thr	Ser	Val	Leu	Leu	Asp	His	Xaa	Ala	Leu
1				5				10					15		

Asp	Cys	Asp	Pro	Xaa	Arg	Xaa	Phe	Cys	Pro	Ala	Leu	Arg	Thr	His	Ser
			20				25					30			

Ala	Val	Leu	Glu	Asn	Ser	Ala	His	Val	Cys	Arg
		35					40			

<210> 7529

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6721

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7529

Xaa	Trp	Leu	Ser	Lys	Pro	Xaa	Cys	Cys	Glu	His	Ser	Gly	Leu	Xaa	Lys
1				5					10					15	

Lys	Pro	Arg	Glu	Asp	Ser	Gly	Xaa	Trp	Thr	Lys	Arg	Ala	Val	Lys	His
			20					25					30		

Ser	Trp	Ala	Cys	Ala	Pro	Arg	Xaa	Pro	Xaa	Leu	Gly
		35					40				

<210> 7530

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<222> (10)

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<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7530

Gly	Trp	Leu	Lys	Cys	Thr	Thr	Leu	Arg	Xaa	Xaa	Asn	Gln	Xaa	Thr	Leu
1				5					10					15	

Xaa Ala

<210> 7531

<211> 36

6722

<212> PRT

<213> Homo sapiens

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<222> (1)

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7531

Xaa	Leu	Gln	Ala	Leu	Asn	His	His	Val	Gln	Pro	Arg	Ile	Ser	Leu	Xaa
1				5					10					15	

Ser	Leu	Val	Glu	Gly	Leu	Phe	Leu	Arg	Xaa	Glu	Leu	Thr	Gln	Xaa	His
			20					25					30		

Met	Leu	Ile	Xaa
			35

<210> 7532

<211> 93

<212> PRT

<213> Homo sapiens

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6723

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (65)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (79)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (85)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7532
 Glu Lys Asn Lys Lys Ser Gly Glu Ser Ser Ser Xaa Leu Ser Gln Glu
 1 5 10 15
 Gln Lys Ser Val Phe Asp Glu Asp Leu Gln Lys Lys Ile Glu Glu Asn
 20 25 30
 Glu Arg Leu His Ile Gln Phe Phe Glu Ala Asp Glu Gln His Lys His
 35 40 45
 Val Glu Ala Glu Leu Xaa Ser Arg Leu Val Thr Leu Glu Thr Glu Ala
 50 55 60
 Xaa Gln His Gln Ala Val Val Asp Gly Leu Thr Arg Lys Xaa Xaa Glu
 65 70 75 80
 Thr Ile Glu Lys Xaa Gln Asn Asp Lys Val Lys Leu Glu
 85 90

<210> 7533
 <211> 52
 <212> PRT
 <213> Homo sapiens

<400> 7533

6724

Lys Ile Tyr Leu Pro Cys Leu Lys Phe Val Gly Leu Leu Ile Gln Cys
 1 5 10 15

Gly Leu Met Phe Leu Leu Ser Leu Thr Ala Thr Phe Tyr Asn Gln Cys
 20 25 30

Arg Ala Trp Ile Trp His Tyr Glu Val Phe Cys Leu Gly Gly Thr Tyr
 35 40 45

Arg Arg Ala Thr
 50

<210> 7534

<211> 40

<212> PRT

<213> Homo sapiens

<400> 7534

Tyr Ser Phe Tyr Val Cys Tyr Pro Ser Val Ser Ser Pro His Phe Ser
 1 5 10 15

Phe Leu Gly Leu Lys Gly Phe Phe Ser Thr Leu Tyr Met Cys Val Val
 20 25 30

Ile Phe Gly Phe Cys Tyr Ile Leu
 35 40

<210> 7535

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

6725

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7535

Xaa	Glu	Met	Tyr	Ser	Ser	Pro	Ile	Tyr	Lys	Gln	Ile	Leu	Phe	Tyr	Leu
1				5					10					15	

Lys	Xaa	Asn	Xaa	Tyr	Arg	Thr	Ser	Pro	Xaa	Met	Ala	Thr	His	Thr	Val
		20					25						30		

Cys	Val	Ser	His
		35	

<210> 7536

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7536

Pro	Thr	Asn	Ala	Lys	Thr	Lys	Leu	Phe	Phe	Leu	Tyr	Leu	Phe	Xaa	Ile
1				5				10						15	

Lys	Xaa	Asn	Glu	Lys	Asp	Pro	Phe	Gln	Lys	Gly	Asp	Pro	Glu	Asn	Lys
		20					25						30		

Thr	Asn	Thr	Pro	Val	Phe	Cys	His	Cys	Phe	Ser	Gln	Leu	Ser	Tyr	Leu
		35				40						45			

Lys	Thr	Val	Ile	Pro	Lys
		50			

<210> 7537

<211> 45

<212> PRT

<213> Homo sapiens

6726

<400> 7537

Gly Gly Arg Val Gln Asp Leu Val Val Tyr Lys Ile Gly Phe Leu Ile
1 5 10 15

His Leu Glu Asn Phe Tyr Phe Gly Ile Thr Asp Glu Met Ile Arg Phe
20 25 30

Val Tyr Asp Glu Gly Val Ile Cys Gly His Lys Phe Lys
35 40 45

<210> 7538

<211> 76

<212> PRT

<213> Homo sapiens

<400> 7538

Ile His Arg Ala Ser Thr Trp Val Val Ser Val Pro His Arg Gln Arg
1 5 10 15

Ser Val Pro Leu His Phe Ser Ile Tyr Ser Ser Ser Lys Ile Val Ser
20 25 30

Phe Glu Ile Phe Phe Asn Cys Ile Ile Gly Arg Leu Ile Asn Lys Pro
35 40 45

Glu Arg Arg Lys Asn Asn Glu Val Gly Arg Ala Ser Cys Ser Ala Ser
50 55 60

Gly Leu Tyr Ser Lys Ala Ile Leu Asp Cys Gly Cys
65 70 75

<210> 7539

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

6727

<220>
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<220>
 <221> SITE
 <222> (34)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7539
 Pro Pro Glu Asn Thr Thr Ile Phe Gln Ala Gly Thr Pro Xaa Gly Thr
 1 5 10 15
 Gly Pro Glu Phe Pro Gly Arg Pro Ile Xaa Xaa Leu Xaa Lys Lys Lys
 20 25 30
 Lys Xaa

<210> 7540
 <211> 90
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (22)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (24)
 <223> Xaa equals any of the naturally occurring L-amino acids

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6728

<220>
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<220>
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<220>
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<220>
 <221> SITE
 <222> (84)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7540
 Lys Thr Phe Gly Asp His Asp Lys Phe Trp Ile Lys Thr Phe Cys Tyr
 1 5 10 15
 Phe Ala Cys Lys Leu Xaa Tyr Xaa Xaa Pro Asp Trp Pro Xaa Xaa Gly
 20 25 30
 Thr Xaa Ile Asn Thr Cys Pro Phe Xaa Gly Phe His Thr Ile Thr Thr
 35 40 45
 Ser Thr Arg Asn Ser Arg Trp Pro Lys Leu Lys Val Lys Ile Leu Lys
 50 55 60
 His Ile Gly Phe Ser His Ala Met Cys Trp Val Gln Thr Met Leu Val
 65 70 75 80
 Asn Xaa Xaa Xaa Pro Met Val Met Thr Asp
 85 90

6729

<210> 7541

<211> 116

<212> PRT

<213> Homo sapiens

<400> 7541

Met Val Gly Ile Gly Thr Ser Asp Val Asp Leu Asp Lys Tyr Arg His
 1 5 10 15

Thr Phe Cys Ser Leu Leu Gly Arg Asp Glu Asp Ser Trp Gly Leu Ser
 20 25 30

Tyr Thr Gly Leu Leu His His Lys Gly Asp Lys Thr Ser Phe Ser Ser
 35 40 45

Arg Phe Gly Gln Gly Ser Ile Ile Gly Val His Leu Asp Thr Trp His
 50 55 60

Gly Thr Leu Thr Phe Phe Lys Asn Arg Lys Cys Ile Gly Val Ala Ala
 65 70 75 80

Thr Lys Leu Arg Gly Arg Glu Pro Gly Trp Ser Pro Arg Cys Cys Ser
 85 90 95

His Arg Ala Ser Val Phe Pro Asn Leu Leu Cys Met Leu Ser Ala Ala
 100 105 110

Ala Pro Pro Ser
 115

<210> 7542

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

6730

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7542

Lys	Arg	Met	Lys	Asp	Lys	Val	Val	Ala	Leu	Xaa	Gln	Asp	Pro	Leu	Val
1				5					10					15	

Val	Thr	Xaa	Thr	Ala	Cys	Pro	Gly	Arg	Leu	Xaa	Xaa	Thr	Glu	Cys	Leu
			20					25					30		

Asp	Ile	Ile	Leu	Leu	Met
			35		

<210> 7543

<211> 90

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (80)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7543

His	Thr	Leu	Cys	Val	Val	Leu	Gly	Lys	Leu	His	Ser	Leu	Ser	Gln	Pro
1				5					10					15	

Leu	Ser	Phe	Thr	Phe	Pro	Leu	Cys	Glu	Ile	Ser	Arg	Phe	Leu	Thr	Tyr
			20					25					30		

Leu	Tyr	Tyr	Gly	Phe	Leu	Leu	Lys	Tyr	Asp	Glu	Ser	Cys	Arg	Leu	Ser
		35					40					45			

Ile	Pro	Lys	Lys	Lys	Lys	Asn	Glu	Gln	Ile	Cys	Ile	His	Lys	Arg	Phe
	50					55					60				

Tyr	Lys	Ser	Ile	Ser	Gly	Gly	His	Glu	Pro	Thr	Pro	Asp	Thr	His	Xaa
65					70					75					80

Thr	Pro	Trp	Asp	Leu	Leu	Ser	Phe	Gln	Val
				85				90	

<210> 7544

6731

<211> 98
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (65)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (85)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (88)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (98)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7544
 Pro Gly Cys Leu Phe Leu Gln Arg Trp Phe Trp Leu Val Arg Val Leu
 1 5 10 15
 Leu Ser Leu Phe Ile Gly Ala Glu Ile Val Gly Glu Cys Val Val Gln
 20 25 30
 Pro Met Gly Arg Gly Arg Gly Glu Glu Gly Gly Gly Gln Arg Ala Pro
 35 40 45
 Gly Thr Ile Gly Asn Trp Gly Trp Phe Ser Ala Pro Ser Ser His Ser
 50 55 60
 Xaa Ala Pro Ser Arg Ala His Phe Leu Ala Leu Thr Met Gln Pro His
 65 70 75 80
 Trp Thr Ser Lys Xaa Pro Ser Xaa Leu Gln Cys Pro Thr Phe His Thr
 85 90 95
 Thr Xaa

<210> 7545
 <211> 15
 <212> PRT

6732

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7545

Ser	Xaa	Pro	Ser	His	His	Met	Arg	Leu	Phe	Gly	Leu	Leu	Xaa	Ala
1				5				10					15	

<210> 7546

<211> 67

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7546

Val	Gly	Cys	Ser	Asp	Asp	Phe	Gly	Phe	Leu	Ser	Lys	Asn	Asp	Gly	Ser
1				5				10					15		

His	Thr	Val	Ile	Pro	Ala	Pro	Asn	Cys	Cys	Thr	Glu	Lys	Arg	Val	Asn
			20				25						30		

Ala	Ala	Arg	Val	Gly	Gly	Arg	Trp	Ala	Val	Ser	Trp	Gly	Val	Met	Val
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6733

35 40 45
 Ile Thr Tyr Ala Arg Asp Gln Gly Cys Gly Arg Glu Xaa Xaa Phe Ser
 50 55 60
 Xaa Xaa Gly
 65

<210> 7547
 <211> 33
 <212> PRT
 <213> Homo sapiens

<400> 7547
 Leu Asn Leu Ala Arg Asn Lys Asp Leu Ile Ser Val Phe Lys Tyr Ile
 1 5 10 15
 Tyr Met Ala Leu Trp Ser Gly Phe Trp Thr Ser Lys Ala Ala Tyr Leu
 20 25 30
 Ala

<210> 7548
 <211> 19
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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 <222> (18)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (19)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7548
 Phe Cys Thr Leu Ser Thr Thr Gln Ala Gln Ala Gln Gly Arg Thr Xaa
 1 5 10 15

6734

Asp Xaa Xaa

<210> 7549

<211> 103

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

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<220>

<221> SITE

<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (86)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (95)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7549

Phe	Ala	Ile	Tyr	Asn	Ser	Ser	Gly	Glu	Xaa	Ile	Asn	Asn	Ile	Lys	Tyr
1				5					10					15	

Tyr	Asp	Gly	Phe	Met	Gly	Gln	Arg	Val	Gly	Ala	Ile	Ser	Cys	Leu	Ala
			20					25					30		

Phe	His	Pro	His	Trp	Pro	His	Leu	Ala	Val	Gly	Ser	Asn	Asp	Tyr	Tyr
		35					40					45			

Ile	Ser	Val	Tyr	Ser	Val	Glu	Lys	Pro	Cys	Gln	Ile	Ser	Gly	Val	Thr
	50					55					60				

Pro	Gly	Pro	Pro	Gly	His	Gly	Arg	Leu	Leu	Tyr	Ile	Val	Lys	Leu	Ser
65					70					75				80	

Leu	Xaa	Gly	Ala	Arg	Xaa	Val	Gly	Cys	Cys	Gly	Pro	Ala	Val	Xaa	Thr
				85					90					95	

Val	Gly	Cys	Cys	Leu	Ser	Cys
						100

6735

<210> 7550
<211> 28
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (4)
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<220>
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<222> (13)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7550
Phe Arg Gly Xaa Glu Pro Gly Arg Gln Ser Ser Gly Xaa Asp Leu Ser
1 5 10 15
Xaa Ile Leu His Gly Cys Gln Val Arg Val Xaa Pro
20 25

<210> 7551
<211> 24
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (3)
<223> Xaa equals any of the naturally occurring L-amino acids

6736

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7551

Ala	Xaa	Xaa	Pro	Ala	Cys	Pro	Ser	Ser	Met	Trp	Pro	Pro	Trp	Thr	Phe
1				5					10					15	

Cys	Ile	Gln	Ser	Leu	Xaa	Cys	Pro
				20			

<210> 7552

<211> 40

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (29)

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7552

Xaa	Leu	Gln	Xaa	Asn	Leu	Ala	Thr	Ile	Trp	Lys	Ala	Gly	Arg	Leu	Gln
1				5					10					15	

Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Val	Xaa	Gly	Arg	Val
				20				25					30		

Gly	Tyr	Phe	Leu	Asn	Lys	Pro	Xaa
				35			40

6737

<210> 7553

<211> 48

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7553

Phe	Ile	Tyr	Leu	Tyr	Ala	Ser	Arg	Phe	Tyr	Ser	Leu	Leu	Tyr	Ile	Cys
1				5				10						15	

Tyr	Ser	Ser	Lys	Lys	Lys	Arg	Lys	Lys	Asn	Pro	Phe	Phe	Leu	Gln	Arg
			20				25						30		

Tyr	Xaa	Leu	Leu	Tyr	Leu	Xaa	Ile	Thr	Asn	Leu	Asn	Met	Xaa	Thr	Glu
	35						40					45			

<210> 7554

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

6738

<220>
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<222> (15)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7554
Ala His Ala Ser Gly Arg Val Xaa Gly Ile Lys Gly Xaa Ile Xaa Leu
1 5 10 15

Xaa

<210> 7555
<211> 47
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>
<221> SITE

6739

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7555

Pro	Gly	Phe	Xaa	Gly	Gly	Xaa	Phe	Ser	Xaa	Xaa	His	Phe	Gln	Lys	Pro
1				5					10					15	

Arg	Leu	Gly	Leu	Leu	Gly	Asn	Arg	Gly	Lys	Asn	Pro	Leu	Gly	Gln	Ala
			20					25					30		

Phe	Arg	Phe	Ser	Leu	Ala	Asn	Xaa	Pro	Arg	Gly	Xaa	Xaa	Ala	Pro
			35				40					45		

<210> 7556

<211> 19

<212> PRT

<213> Homo sapiens

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<222> (6)

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<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7556

Ala	Phe	Pro	Lys	Gly	Xaa	Ser	Arg	Ser	Cys	Arg	Xaa	Xaa	Arg	Leu	Thr
1				5					10					15	

Arg Pro Leu

<210> 7557

<211> 68

6740

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7557

Val	Leu	Pro	Ser	Tyr	Leu	Gln	Val	Leu	Thr	Leu	Pro	Gly	Xaa	Leu	Pro
1				5					10					15	

Asn	Met	Thr	Leu	Asp	Thr	Val	Ser	Leu	Arg	Leu	Leu	Gly	Tyr	Gln	Asp
			20					25					30		

Gln	Asn	Gln	Glu	Gly	Lys	Arg	Ile	Lys	Ile	Tyr	Arg	Val	Ser	Phe	Arg
		35					40					45			

Val	Leu	Ala	Trp	Ser	Phe	His	Tyr	Gln	Leu	Cys	Lys	Ile	Gly	Ile	Ile
	50					55					60				

Asp	Pro	Ile	Leu
			65

<210> 7558

<211> 59

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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6741

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<220>
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<220>
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<220>
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<400> 7558
 Thr Met Thr Trp Ser Arg Gln Ser Xaa Leu Trp Leu Gly Thr Leu Xaa
 1 5 10 15
 Pro Thr Ile Asn Asn Xaa Trp Leu Lys Xaa Phe Pro Val Thr Val His
 20 25 30
 Phe Gln Val Gly Lys Cys Xaa Val Leu Xaa Xaa Phe Phe Phe Ser Asn
 35 40 45
 Xaa Lys Arg Thr Ile Xaa Leu Lys Lys Lys Lys
 50 55

<210> 7559
 <211> 91
 <212> PRT
 <213> Homo sapiens

<220>
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<220>

6742

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7559

Gly	Ser	Ala	Leu	Gly	Phe	Gln	Ser	Leu	Ser	Ala	Val	Ala	Val	Pro	Phe
1				5				10						15	

Ala	Gly	Thr	Ala	Gly	Ser	Pro	Gly	Pro	Leu	Arg	Ser	Thr	Arg	Ser	Cys
			20				25					30			

Tyr	Ala	Tyr	Arg	Gly	Arg	Ile	Cys	Arg	Ala	Ser	Pro	Arg	Val	Glu	Gly
		35				40						45			

Pro	Leu	Gln	Val	Phe	Thr	Ala	Cys	Pro	Arg	Ser	Lys	Gly	Ser	Ser	Ala
	50					55					60				

Arg	Xaa	Arg	Xaa	Met	Ala	Leu	Gly	Gln	Arg	Phe	Leu	Xaa	Met	Gly	Asn
65					70					75					80

Trp	Xaa	Phe	Gly	Pro	Trp	Ala	Arg	Ala	Gly	Gly
				85					90	

<210> 7560

<211> 53

<212> PRT

<213> Homo sapiens

<220>

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<222> (5)

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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6743

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<222> (42)
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<220>
<221> SITE
<222> (46)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7560
Gly Gln Thr Leu Xaa Lys Val Xaa Arg Val Pro Lys Xaa Xaa Trp Glu
1 5 10 15
Phe Phe Gln Gly Gly Arg Pro Leu Thr Pro Trp Glu Lys Lys Lys Asn
20 25 30
Leu Gly Lys Thr Thr Arg Glu Pro Thr Xaa Gly Gly Leu Xaa Phe Asn
35 40 45
Arg Gly Arg Arg Gly
50

<210> 7561
<211> 40
<212> PRT
<213> Homo sapiens

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<222> (9)
<223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7561

His	Thr	His	Phe	Ile	Asn	Gly	His	Xaa	His	Phe	Asp	Lys	Gly	Gly	Lys
1				5				10					15		

Lys	Phe	Asn	Ser	Xaa	Phe	Xaa	Lys	Val	Gln	Gly	Leu	Gly	Leu	His	Ser
			20				25					30			

Glu	Ser	Leu	Pro	Xaa	Ala	Pro	Thr
		35				40	

<210> 7562

<211> 57

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<223> Xaa equals any of the naturally occurring L-amino acids

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6745

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7562

Asp	Xaa	Lys	Ser	Ser	Arg	Xaa	Xaa	Xaa	Ala	Gly	Phe	Leu	Gln	Gly	Tyr
1				5					10					15	

Ser	Val	Phe	Asp	Glu	Thr	Gln	Leu	Gly	Met	Thr	Tyr	Ser	Pro	Ser	Pro
			20					25					30		

His	Ser	Tyr	Leu	Ser	Phe	Ile	Lys	Asn	Phe	Ile	Val	Thr	Val	Ser	Met
			35				40					45			

Leu	Pro	Ser	Xaa	Xaa	Xaa	Asn	Pro	Xaa
	50					55		

<210> 7563

<211> 105

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<220>

<221> SITE

6746

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<400> 7563
 Arg Lys Thr Cys Thr Ile Xaa Ser Gly Lys Val Leu Leu Gly Val Pro
 1 5 10 15
 Val Arg Asn Ser Xaa Val Asp Pro Arg Val Arg Leu Arg Val Arg Ala
 20 25 30
 Ala Ala Glu Ala Met Gly Leu Xaa Xaa Gly Arg Ser Cys Pro Glu Pro

6747

35	40	45
Ala Thr Ala Leu Xaa Gln Xaa Ala Ser Phe Ser Xaa Leu Pro Ser Pro		
50	55	60
Arg Leu Pro Arg Xaa Gly Tyr Pro Gln Pro Gln Pro Gly Ala Gly Glu		
65	70	75 80
Xaa Ala Xaa Gly Glu Gly Arg Asn Gln Gly Met Ser Ala Gly Arg Ala		
85	90	95
Leu Gly Ala Leu Ser Xaa Thr Xaa Asp		
100	105	

<210> 7564

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

6748

<400> 7564

Xaa Xaa Arg Pro Gly Pro Ser Pro Leu Pro His Arg Asp Arg Asp Arg
 1 5 10 15
 Asp Arg Glu Arg Glu Arg Xaa Glu Arg Ser Arg Glu Arg Asp Lys Glu
 20 25 30
 Arg Glu Arg Xaa Xaa Ser Arg Ser Arg Xaa Arg
 35 40

<210> 7565

<211> 45

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7565

Trp Ile Thr Val Ala Gly Cys Asn Phe Tyr Gln Phe Leu Xaa Leu Leu
 1 5 10 15
 Ser Gln Asn Pro Phe Ser Gly Lys Gly Asp Pro Ile Asn Phe Lys Asn
 20 25 30
 Leu Thr Leu Lys His Xaa Leu Ala Met Gly Ala Trp Xaa
 35 40 45

<210> 7566

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

6749

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7566

Xaa	Ser	Xaa	Arg	Ser	Met	Lys	Ala	Xaa	Thr	Pro	Cys	Arg	Val	Pro	Val
1				5					10					15	

Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Val	Arg	Glu	Xaa	Cys	Gly	Asn	Leu
			20					25					30		

Pro	Ser	Gln	Arg	Pro	Gly
					35

<210> 7567

<211> 18

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6750

<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7567
Asp Leu Val Trp Lys Pro Pro Leu Ser Xaa Gly Xaa Xaa Xaa Lys Leu
1 5 10 15

Xaa Asn

<210> 7568
<211> 90
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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6751

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7568

Ile	Cys	Arg	Ser	Ile	Ser	Trp	Lys	Pro	Gln	Phe	Phe	Ile	Pro	Xaa	Lys
1				5				10					15		

Lys	Ala	Val	Phe	Arg	Trp	Glu	Arg	Lys	His	Leu	Arg	Leu	Leu	Thr	Phe
			20					25				30			

Gly	Phe	Xaa	Arg	Lys	Ser	Ser	Gln	Trp	Cys	Ser	Asn	Ile	Thr	Arg	Asp
		35					40					45			

Xaa	Leu	Xaa	Xaa	Xaa	Ile	Gly	Xaa	Leu	Lys	Xaa	Glu	Gly	Ser	Pro	Xaa
	50					55					60				

Gln	Thr	Pro	Ser	Ser	Gly	Gln	Xaa	Xaa	Ser	Ser	Pro	Xaa	Gln	Ala	Lys
65					70					75					80

Cys	Lys	Lys	Ile	Gln	Leu	Gly	Lys	His	Asn
			85					90	

6752

<210> 7569
<211> 66
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (63)
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6753

<400> 7569

Xaa Arg Arg Leu Xaa Val Asp Pro Leu Glu Xaa Thr Xaa Ser Trp Tyr
1 5 10 15
Ala Cys Arg Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Ser Gly
20 25 30
Phe Phe Arg Tyr Ser Ser Phe Ile Leu His Gln Asn Leu Ile Ser Cys
35 40 45
Asn Val Xaa Xaa Trp Pro Arg Ala Xaa Pro Ser Glu Asp Xaa Xaa Glu
50 55 60
Lys His
65

<210> 7570

<211> 75

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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6754

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7570

Xaa	Xaa	Ile	Xaa	Leu	Cys	His	Leu	Tyr	Leu	His	Leu	Pro	Pro	Phe	Thr
1				5					10					15	

Leu	Thr	Asn	Xaa	Phe	Leu	Ser	Cys	Ala	Tyr	Met	Tyr	Ser	Leu	Phe	Pro
			20					25					30		

Asn	Thr	Gly	Ile	Ile	Thr	Ser	Asn	Asn	Tyr	Ser	Ile	Leu	Ser	Leu	Ser
		35					40					45			

Phe	Xaa	Asp	Phe	Pro	Xaa	Trp	Gly	Glu	Glu	Asp	Tyr	Xaa	Leu	Tyr	Lys
	50					55					60				

Asn	Xaa	Asn	Lys	Ile	Phe	Gln	Thr	Cys	Arg	Ile
65					70					75

<210> 7571

<211> 69

<212> PRT

<213> Homo sapiens

<400> 7571

Asn	Arg	Tyr	Asn	Phe	Lys	Ala	Thr	Asn	Leu	Thr	Thr	Arg	Ser	Ser	Ala
1				5					10					15	

Gly	Glu	Gly	Gln	Gly	Gly	Gln	Asn	Arg	Gly	Val	Trp	Leu	Gly	Val	Gly
			20					25					30		

Gly	Val	Lys	Ser	Leu	His	Pro	Ser	Ser	Ile	His	Tyr	Thr	Asn	Ile	Leu
		35					40					45			

Met	Arg	Tyr	Val	Phe	Ile	Lys	Cys	Leu	Gln	Met	Phe	Ile	Thr	Phe	Gly
	50					55					60				

Ser	Glu	Phe	Tyr	Ile
65				

6755

<210> 7572

<211> 99

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7572

Gln	Leu	His	Leu	Leu	Leu	Gly	Lys	Leu	Xaa	Arg	Leu	Gln	Val	Pro	Val
1				5					10					15	

Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Phe	Xaa	Gln	Arg	Gly	Glu	Pro	Val
			20					25					30		

Gly	Asn	Xaa	Asn	Ile	Leu	Leu	Tyr	Ile	Tyr	Ile	Tyr	Ile	Phe	Val	Gln
		35					40					45			

Thr	Asn	Arg	Thr	Cys	Arg	Trp	Gly	Ser	Arg	Pro	Trp	Cys	Tyr	Leu	Lys
	50					55					60				

Lys	Lys	Arg	Leu	Cys	Val	Gln	Met	Asn	Asp	Lys	Leu	Ser	Ala	Ser	Pro
65					70					75					80

Ser	Ala	Pro	Leu	Gln	Ala	Pro	Ala	Gly	Gly	Pro	Val	Ser	Lys	Leu	Met
				85					90					95	

Gln Ser Val

<210> 7573

<211> 59

<212> PRT

<213> Homo sapiens

6756

<220>
<221> SITE
<222> (52)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (59)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7573
Gly His Cys Ser Gly His Pro Gly Ala Gly Ser Leu Val Glu Val Arg
1 5 10 15
Arg Val Asn Leu Val Lys Gly Arg Glu Asp Ser Ser Leu Arg Val Ser
20 25 30
Arg Pro Cys Leu Leu Gly Val His Phe Gly Ser Leu Ala His Pro Gly
35 40 45
Arg Thr Arg Xaa Trp Leu Lys Ala Pro Pro Xaa
50 55

<210> 7574
<211> 30
<212> PRT
<213> Homo sapiens

<220>
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<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

6757

<220>

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<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7574

Ala	Xaa	Lys	Cys	Thr	Xaa	Ala	Met	Gly	Gly	Phe	Ser	Ala	Lys	Xaa	Arg
1					5				10					15	

Met	Ile	Xaa	Asn	Ser	Leu	Asn	Leu	Lys	Ala	Leu	Thr	Gln	Xaa
			20					25					30

<210> 7575

<211> 47

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7575

Gly	Cys	Pro	Leu	Pro	Cys	Gly	Pro	Ser	Pro	Gly	Asp	Xaa	Pro	Val	Lys
1				5					10					15	

Xaa	Ser	Ala	Val	Thr	Tyr	Xaa	Gly	Pro	Ser	Pro	Gln	Gln	Gln	Ile	Leu
			20					25					30		

Leu	Leu	Ala	Leu	Asp	Leu	Arg	Val	Xaa	Leu	Tyr	Pro	Ala	Ser	Arg
			35				40					45		

6758

<210> 7576
 <211> 83
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
 <221> SITE
 <222> (41)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (46)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (57)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7576
 His Xaa Pro Ser Gly Ser Gln Thr Ile Arg Asn Lys Arg Lys Asn Phe
 1 5 10 15
 Leu Pro Leu Ser Pro Arg Gly Tyr Gly Lys Leu Leu Xaa Val His Arg
 20 25 30
 Met Gly Ala Gly Val Ile Leu Ser Xaa Phe Pro Ser Ser Xaa His Ile
 35 40 45
 Leu Asp His Leu Asn Ile Pro Trp Xaa Gly Ser Lys Gly Lys Ser Gly
 50 55 60
 Ile Gly Pro Arg Arg Lys Gln Pro Arg Thr Leu Ser Cys Asn Lys Gln
 65 70 75 80
 Asp Pro Asp

6759

<210> 7577
 <211> 44
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (10)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (12)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (30)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (32)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (44)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7577
 Arg Arg His Arg Pro Asn Gln Gly Glu Xaa Arg Xaa Thr Arg Lys Gln
 1 5 10 15

Glu Lys Thr Lys Ser Glu Gly Asp Arg Asp Lys His Gly Xaa Lys Xaa
 20 25 30

Met Asp Met Ser Ile Pro Leu Thr Gly Glu Glu Xaa
 35 40

<210> 7578
 <211> 34
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (1)
 <223> Xaa equals any of the naturally occurring L-amino acids

6760

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<222> (15)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (19)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7578
Xaa Leu Gly Lys Lys Pro Arg Glu Ala Thr Asn Glu Val Trp Xaa Pro
1 5 10 15
Leu Xaa Xaa Trp Pro Pro Gly Xaa Pro Gly Asn Lys Ala Asn Ala Gly
20 25 30

Ala Met

<210> 7579
<211> 62
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (32)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (53)

6761

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7579

Val Lys Ser Ser Leu Asp Thr Leu Met Asp Thr Leu Gly Arg Ala Cys
1 5 10 15

Pro Lys Leu Leu Xaa Ser Leu Ile Leu Ser Glu Ala Thr Thr Gln Xaa
20 25 30

Ser Gly Lys Val Gln Lys Ala Gly Ile Phe Tyr Leu Ser Phe Leu Lys
35 40 45

Gly Phe Lys Phe Xaa Thr Phe Leu Asn Lys Gly Tyr Lys Gly
50 55 60

<210> 7580

<211> 53

<212> PRT

<213> Homo sapiens

<400> 7580

Gly His Ser Pro Leu Glu Ala Gly Lys Ala Pro His Gln Ala Leu Gln
1 5 10 15

Phe Leu Thr Gln Glu Val Ala Asp Ser Ser Ala Ser Gly Leu Pro Val
20 25 30

Pro Ala His Glu Ala Leu Gly Gly Glu Trp Arg Leu Ser Leu Phe Leu
35 40 45

Leu Ala Leu Glu Ala
50

<210> 7581

<211> 104

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (87)

<223> Xaa equals any of the naturally occurring L-amino acids

6762

<220>

<221> SITE

<222> (97)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7581

Gly	Lys	Ala	Val	Ile	Ser	Arg	Ser	Asn	Val	Ala	Trp	Gly	Arg	Glu	Ser
1				5				10						15	

Pro	Val	Ser	Cys	Ile	Arg	Ser	Leu	Lys	Asn	Asn	Val	Glu	Asp	Leu	Asp
			20					25					30		

Ser	Ser	Pro	Val	Phe	Ala	Val	Pro	Cys	Pro	Gly	Val	Gly	Pro	Ala	Leu
		35					40					45			

Phe	Met	Val	Pro	Arg	Arg	Leu	Pro	Gln	Glu	Gly	Leu	Trp	Thr	Glu	Gly
	50					55					60				

Arg	Ser	Ile	Ser	Ser	Leu	Xaa	Leu	Phe	Leu	Ser	Lys	Lys	Pro	Gly	Leu
65					70					75					80

Thr	Ser	Ile	Leu	Pro	Leu	Xaa	Ser	Gln	Glu	Glu	Cys	Pro	Asp	Pro	Leu
					85				90					95	

Xaa	Leu	Xaa	His	Pro	Phe	Met	Gly
							100

<210> 7582

<211> 62

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6763

<221> SITE
<222> (6)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (25)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7582
Xaa Lys Ser Xaa Leu Xaa Phe Gly Gly Lys Lys Lys Ala Pro Gly Phe
1 5 10 15
Asn Arg Pro Leu Gly Gln Gly Gly Xaa Pro Arg Gly Phe Pro Gly Glu
20 25 30
Asn Phe Pro Pro Gly Val Ser Gly Thr Pro Asn Gly Pro Phe Pro Ala
35 40 45
Phe Pro Ala Gly Ile Thr Lys Phe Lys Gly Asn Gly Ala Trp
50 55 60

<210> 7583
<211> 80
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (5)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (69)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (70)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7583
Xaa Ser Gln Ala Xaa Gly Tyr Leu Glu Glu Glu Gly Pro Trp Val Thr

6764

1 5 10 15
Cys Arg Ala Gly Ser Gly Leu Ala Ala Pro Arg Ala Ala His Leu Gly
 20 25 30
Trp Gly Thr Ala Arg Val Ser Arg Thr Trp Arg Ala Val Val Pro Val
 35 40 45
Val Arg Val Arg Ile Glu Gly Leu Gly Gly Ser Arg Gly Glu Pro Ala
 50 55 60
Leu Ser Pro Ala Xaa Xaa Thr Pro Asp His Gly Gly Leu Gly Pro Gly
 65 70 75 80

<210> 7584

<211> 87

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6765

<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7584

Xaa	Xaa	Ile	Leu	Ala	Ser	Ala	Cys	Gly	Ala	Gly	Gly	Thr	Arg	Phe	Pro
1					5				10					15	

Pro	Pro	Arg	Gly	Ser	Ala	Ser	Gly	Leu	Val	Leu	Ser	Pro	Ala	Ala	Pro
			20					25					30		

Cys	Arg	Arg	Ser	His	Arg	Ser	Ser	Tyr	Arg	Arg	Glu	Trp	Arg	Ala	Asp
			35				40					45			

Gln	Gly	Ala	Ala	Gly	Leu	Pro	Ser	Xaa	Ile	His	Val	Ser	Leu	Arg	Xaa
		50				55					60				

Arg	Gly	Pro	Xaa	Glu	Pro	Ala	Xaa	Met	Pro	Leu	Gly	Leu	Lys	Pro	Thr
65					70					75					80

Cys	Ser	Arg	Met	Gln	Asp	His
				85		

<210> 7585

<211> 80

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6766

<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7585

Thr	Phe	Gln	Val	Phe	Leu	Asn	Leu	Ser	Met	Leu	Ser	Leu	Asn	Leu	Leu
1				5				10					15		

Gln	Gly	Phe	Tyr	Asn	Cys	Arg	His	Val	Ser	Xaa	Tyr	Arg	Arg	Glu	Ala
			20				25					30			

Val	Phe	Xaa	Ser	Cys	Ile	Phe	Leu	Xaa	Phe	Gln	Lys	Leu	Gln	Met	Xaa
		35					40					45			

Ile	Ile	Ser	Phe	Lys	His	Cys	Leu	Asn	Ser	Asn	Trp	Lys	Ile	Thr	Ala
	50					55					60				

Val	Ser	Pro	Thr	Xaa	Ala	Phe	Pro	Leu	Leu	Gln	Glu	Glu	Asn	Asp	Tyr
65					70					75					80

<210> 7586

<211> 23

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7586

Gly	Phe	Glu	Leu	Xaa	Pro	Cys	Leu	Leu	Val	Gly	Trp	Pro	Arg	Ile	Lys
1				5					10				15		

Gly	Xaa	Xaa	Trp	Pro	Phe	Lys
			20			

6767

<210> 7587
 <211> 104
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (69)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (70)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (72)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (85)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (96)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (100)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7587
 Gly Ser Arg Ala Pro Cys Ser Pro Arg Val Leu Pro Trp Val Ser Pro
 1 5 10 15
 Cys Gln Val Phe Arg Glu Cys Pro Pro Thr Pro Ala Pro Phe Cys Val
 20 25 30
 Ala Pro Ala Thr Ser Val Leu Trp Asp Thr Gly Leu Ser Pro Ser Ser
 35 40 45
 Arg Val Leu Val Cys Leu Ser Val Pro Trp Thr Cys Pro Gln Gly Pro
 50 55 60
 Arg Leu Trp Leu Xaa Xaa Pro Xaa Arg Leu Ala Ala Glu Thr Pro Cys

6768

65 70 75 80
Ala Arg Pro Ala Xaa Gly Ser Phe Lys Glu Cys Val Gly Asn Cys Xaa
 85 90 95
Thr Cys Ile Xaa Gly Thr Gly Arg
 100

<210> 7588

<211> 65

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6769

<221> SITE
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 <223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<220>
 <221> SITE
 <222> (55)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (61)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (65)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7588
 Xaa Leu Arg Ile Lys Gly Ser Gly Val Arg Trp Ile Xaa Ala Ile Met
 1 5 10 15
 Leu Xaa Lys Xaa Xaa Leu Xaa Xaa Leu Ala Xaa Lys Ser Thr Gly His
 20 25 30
 Phe Ile Gly Thr Phe Xaa Glu Xaa Met Ile Val Cys Glu Ile Leu Thr
 35 40 45
 His Pro His Xaa Gln Asn Xaa Xaa Cys Pro Trp Ile Xaa Cys Thr Gly
 50 55 60

6770

Xaa

65

<210> 7589

<211> 53

<212> PRT

<213> Homo sapiens

<400> 7589

Leu Leu Ile Gly Arg Phe Ser Phe Tyr Ser Ser Thr Glu Lys Lys Ile
 1 5 10 15

Ile Val Ile Ile Ile Arg Gln Cys Ser Val Val Leu Gln Ser Ile Ile
 20 25 30

Val Ser Val Leu Phe Cys Phe Leu Arg Cys Leu Glu Asn Gly Glu Cys
 35 40 45

Val Thr Val Ser Asn
 50

<210> 7590

<211> 63

<212> PRT

<213> Homo sapiens

<400> 7590

Asn Val Leu Val Leu Phe Leu Ser Leu Asp Phe Met Tyr Phe Glu Pro
 1 5 10 15

Gln Ile Leu Ser Ser Ser Asp Leu Lys Ile Leu Ser Tyr Thr Gln Ser
 20 25 30

Pro Leu Thr Phe Leu Trp Asp Cys Leu Ile Tyr Glu Lys Ser Leu Glu
 35 40 45

Lys Ser Leu Ile Glu Thr Phe Arg Phe Arg Asn Thr Cys Thr Ile
 50 55 60

<210> 7591

<211> 174

<212> PRT

<213> Homo sapiens

6771

<220>
 <221> SITE
 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (119)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (160)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (161)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (169)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (173)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7591
 Ala Xaa Arg Gln Leu Leu Val Asp Ser Val Thr Asp Ser Val Leu Gly
 1 5 10 15
 Pro Asn Gly Asp Val Thr Gly Thr Pro His Thr Ser Pro Asp Gly Arg
 20 25 30
 Phe Ile Val Ser Ala Ala Ala Asp Ser Pro Trp Leu His Val Gln Glu
 35 40 45
 Ile Thr Val Arg Gly Glu Ile Gln Thr Leu Tyr Asp Leu Gln Ile Asn
 50 55 60
 Ser Gly Ile Ser Asp Leu Ala Phe Gln Arg Ser Phe Thr Glu Ser Asn
 65 70 75 80
 Gln Tyr Asn Ile Tyr Ala Ala Leu His Thr Glu Pro Asp Leu Leu Phe
 85 90 95
 Leu Glu Leu Ser Thr Gly Lys Val Gly Met Leu Lys Asn Leu Lys Glu
 100 105 110

6772

Pro Pro Ala Gly Pro Ala Xaa Pro Trp Gly Gly Thr His Arg Ile Met
 115 120 125

Arg Asp Ser Gly Leu Phe Gly Gln Tyr Leu Leu His Gln Pro Glu Ser
 130 135 140

His Cys Ser Ser Ser Met Gly Asp Lys Asn Thr Leu Arg Cys Glu Xaa
 145 150 155 160

Xaa Arg Tyr Lys Gly Gly Gly Pro Xaa Trp Cys Trp Xaa Gly
 165 170

<210> 7592

<211> 22

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7592

Gly Glu Asp Asp Glu Glu Asp Thr Gly Val Cys Xaa Leu Xaa Pro Phe
 1 5 10 15

Asp Leu Xaa Tyr Xaa Asp
 20

<210> 7593

<211> 60

6773

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7593

Ile	Leu	His	Phe	Phe	Leu	Leu	Gly	Asn	Ile	Ile	Cys	Gly	Arg	Arg	Gln
1				5					10					15	

Pro	His	Phe	Ile	Cys	Pro	Tyr	Ser	Cys	Gly	Ser	Ser	Ile	Cys	Phe	Leu
			20					25					30		

Pro	Glu	Cys	Ser	Leu	Gly	Leu	Leu	Lys	Xaa	His	Glu	Ser	Asn	Leu	Glu
		35					40						45		

Val	Ser	Leu	Ser	Asn	Lys	Ala	Val	Phe	Leu	Pro	Phe
	50					55					60

<210> 7594

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7594

Xaa	Xaa	Leu	Glu	Ala	Asn	Pro	Glu	Gly	Arg	Xaa	Glu	Asn	Ser	Trp	Ile
1				5					10					15	

Ser

6774

<210> 7595

<211> 105

<212> PRT

<213> Homo sapiens

<400> 7595

Lys	Ser	Tyr	Gly	Gly	Gly	Ser	Asn	Pro	Asp	Ser	Glu	Ser	Asn	Ser	Arg
1				5					10					15	

Cys	Trp	Asn	Trp	Ala	Gly	Pro	Val	Ser	Ser	Leu	Ala	Leu	Asn	Phe	Asn
		20					25						30		

Pro	Phe	Asn	Lys	Gly	Leu	Gly	Lys	Met	Ile	Ser	Glu	Val	Leu	Ser	Ile
		35					40					45			

Ser	Val	Gln	Leu	Ser	Leu	Glu	Gly	Gln	Val	Leu	Asp	Thr	Gln	Thr	Asp
	50					55					60				

Asp	Gly	Thr	Ala	Gln	His	Gln	Ala	Gln	Pro	Leu	Val	Gly	Ser	Val	Cys
65					70					75					80

Ala	Ala	Ala	Leu	Val	Leu	Asn	Asn	Asn	Asn	Thr	Met	Val	Pro	Leu	Thr
					85				90					95	

Glu	Ile	Tyr	Gly	Ala	Leu	Phe	Arg	Pro
					100			105

<210> 7596

<211> 35

<212> PRT

<213> Homo sapiens

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<222> (7)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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6775

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7596

Thr	Asn	Tyr	Arg	Ala	Leu	Xaa	Ser	Val	Xaa	Ala	Xaa	Ser	Tyr	Gly	Ser
1				5				10					15		

Pro	Asp	Gly	Gln	Gln	Arg	Arg	Ser	Ala	Ser	Met	Arg	Xaa	Leu	Gly	Ala
			20				25						30		

Leu	Val	Pro
		35

<210> 7597

<211> 30

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7597

Cys	Phe	Thr	Tyr	Ser	Gln	Asn	Cys	Xaa	Asp	Lys	His	Thr	Xaa	Ile	Ile
1				5				10					15		

Val	Ala	Thr	Pro	Trp	Glu	Ile	Ala	Gly	Xaa	Ile	Leu	Leu	Arg
			20				25						30

<210> 7598

<211> 131

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 <400> 7598
 Pro Arg Trp Cys Cys Leu Ala Pro Gly Arg Ile Pro Val Leu Ala Ala
 1 5 10 15
 Ser Arg Gly Leu Gly Cys Arg Leu Ala Gly Ala His Ala Ala Ile Pro
 20 25 30
 Phe Ala Ala Ile Arg Val Thr Cys Ile Gly Ser Cys Gly Val Ser Asn
 35 40 45
 Lys Ala Asn Asp Thr Ala Trp Val Val Glu Glu Gly Tyr Phe Asn Ser
 50 55 60
 Ser Leu Ser Leu Ala Asp Lys Gly Ser Leu Pro Ala Gly Glu His Ser
 65 70 75 80
 Phe Pro Phe Gln Phe Leu Leu Pro Ala Thr Ala Pro Thr Ser Phe Glu
 85 90 95
 Gly Pro Phe Xaa Lys Ile Val His Gln Val Lys Ala Ala Ile Gln Thr
 100 105 110
 Pro Xaa Phe Ser Lys Asp His Lys Xaa Lys Pro Arg Gly Leu Tyr Leu
 115 120 125
 Glu Pro Leu
 130

<210> 7599
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 <212> PRT
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6777

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 <400> 7599
 Pro Asp Cys Cys Phe Lys Gln Pro Gly Ser Leu Pro Ser His Trp Ala
 1 5 10 15

 Gly Thr Pro Ser Trp Ala Leu Gln Pro Cys Pro Leu Ala His Thr Met
 20 25 30

 Asp Arg Ala Leu Ile Ser Pro Trp Asp Gly Val Pro Gln Gly Gly Glu
 35 40 45

 Gly Cys His Leu Gly Trp Met Asp Asp Ser Thr Val Pro Xaa Leu Xaa
 50 55 60

 Ala Leu Xaa Lys Ser Lys Leu Met Gly Gln Xaa Xaa
 65 70 75

 <210> 7600
 <211> 62
 <212> PRT
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6778

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<400> 7600
Gly Cys Thr Ala Gly Lys Ser Leu Ser Lys Leu Leu Ala Trp Ser Pro
1 5 10 15
Val Ser Ser Pro Pro Arg Gly Ser Ser Pro Xaa Phe Thr Phe Pro Phe
20 25 30
Ser Leu Ser Cys Ala Glu Cys Pro Thr Pro Ala Leu Phe Pro Phe Trp
35 40 45
Val Ser Leu Leu Gly Xaa Gly Xaa Xaa Val Ser Pro Thr Gly
50 55 60

<210> 7601
<211> 99
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<213> Homo sapiens

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6780

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7601

Ser Ser Asp Pro Ile His Pro Ser Ala Val Xaa Thr His Gln Arg Gly
 1 5 10 15

Ala Ala Leu Thr Leu Pro Met Gln Leu Gly Arg Gly Glu Arg Arg Arg
 20 25 30

His Ser Lys Leu Lys Leu Phe Ala Val Ser Ser Xaa Xaa Xaa Lys Pro
 35 40 45

Xaa Xaa Ser Ser Pro Asn Xaa Gly Xaa Lys Ala Lys Ser Xaa Xaa Arg
 50 55 60

Leu Gln Xaa Arg Gly Lys Ala Pro Ser Ala Pro Glu Xaa Pro Xaa Val
 65 70 75 80

Leu Gly Leu Gly Gly Thr Leu Gln His Xaa Leu Leu Trp Thr Pro Glu
 85 90 95

Gly Arg Ile

<210> 7602

<211> 114

<212> PRT

<213> Homo sapiens

<220>

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<222> (113)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7602

Pro Ala Ser Cys Pro Thr Gly Ser Pro Ala Val Pro Val His Leu Pro
 1 5 10 15

Ala His Pro Gly Thr Cys Pro His Cys Leu Leu Pro Ala Leu Cys Gly
 20 25 30

Arg Thr Glu Ala Lys Arg Arg Ser Leu Glu Leu Trp Ser His Gly Asn
 35 40 45

Gly Ser Leu Pro Thr Thr His Ala Cys Pro Ala Phe Leu His Ala Leu
 50 55 60

Lys Arg Gly Glu Trp Asn Leu Leu Gly Pro Gly Asn Ala Pro Leu Leu

6781

65		70		75		80
Arg His Ser Leu His Tyr Ser Leu Ala Ser Ser Val Gly Asn Ser Leu						
	85		90		95	
Pro Ile Gly Val Pro Arg Gln Thr His Arg Glu Ser Trp Gln Asn Phe						
	100		105		110	
Xaa Phe						

<210> 7603

<211> 39

<212> PRT

<213> Homo sapiens

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<222> (15)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7603

Trp Thr Asp Tyr Gly Thr Leu Arg Leu Ala Cys Thr Gly Ser Xaa His
1 5 10 15

Xaa Xaa Glu Asn Arg Ser Leu Ala Leu Pro Leu Pro Val Ala Gly Leu
20 25 30

Thr Ala Cys Pro Pro Ala Cys
35

<210> 7604

<211> 29

<212> PRT

<213> Homo sapiens

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6782

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<222> (26)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7604
Thr Tyr His Leu Ala Phe Leu Leu Ala Leu Met Asn Leu Asn Phe Xaa
1 5 10 15
Pro Asn Val Asp Ala Leu Xaa Xaa Leu Xaa Xaa Glu Pro
20 25

<210> 7605
<211> 22
<212> PRT
<213> Homo sapiens

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6783

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7605

Ala	Ser	Ser	Arg	Ser	Arg	Ala	Ala	Xaa	Ile	Ser	Leu	Gly	Xaa	Phe	Tyr
1				5					10					15	

Asn	Xaa	Xaa	Phe	Trp	Gly
			20		

<210> 7606

<211> 64

<212> PRT

<213> Homo sapiens

<400> 7606

Ala	Gly	Leu	Thr	Ala	Pro	Ser	Met	Gly	Pro	Ile	Leu	Tyr	Leu	Val	Leu
1				5					10					15	

Ser	Trp	Ser	Lys	Gly	His	Leu	Gln	Cys	His	Lys	Tyr	Pro	Tyr	Ile	Arg
			20					25					30		

Lys	Lys	Met	Ile	Ser	Tyr	Gln	Leu	Ala	Leu	Thr	Asn	Val	Leu	Leu	Ile
		35					40					45			

Glu	Gln	Pro	Thr	His	Ser	Val	Asp	Tyr	Val	Asn	Leu	Ser	Gly	Leu	Leu
	50					55					60				

<210> 7607

<211> 56

<212> PRT

<213> Homo sapiens

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<220>

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6784

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6785

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7607

Gly	His	Ala	Cys	Xaa	Ile	Phe	Gly	Ile	Ser	His	Xaa	Asn	Tyr	Phe	Arg
1				5					10					15	

Leu	Glu	Gln	Val	Ala	Thr	Gln	Leu	Xaa	Thr	Glu	Leu	His	Gln	Arg	Xaa
			20					25					30		

Xaa	Thr	Trp	Met	Xaa	Arg	Asp	Leu	Ala	Ser	Val	Xaa	Xaa	Xaa	Gln	Gln
		35					40					45			

Xaa	Xaa	Xaa	Trp	Ile	Xaa	Leu	Ser
	50					55	

<210> 7608

<211> 92

<212> PRT

<213> Homo sapiens

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<220>

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<222> (14)

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<223> Xaa equals any of the naturally occurring L-amino acids

6786

<220>

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<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7608

Ser	Phe	Xaa	Leu	Ile	Asn	Leu	Leu	Pro	Ile	Asn	Ala	Val	Xaa	Pro	Thr
1				5					10					15	

Ser	Ser	Gln	Gln	Ile	Pro	Xaa	Arg	Glu	Thr	Xaa	Glu	Ala	Asn	Lys	Glu
		20						25					30		

Arg	Arg	Lys	Met	Thr	Ser	Lys	Ser	Ser	Glu	Ser	Asn	Ile	Tyr	Ser	Pro
		35					40					45			

Leu	Thr	Xaa	Phe	Ile	Thr	Ala	Asp	Ser	Glu	Leu	His	Asp	Ile	Ile	Lys
	50					55					60				

Asp	Leu	Glu	Asp	Xaa	Leu	Met	Val	Gly	Leu	His	Thr	Cys	Gly	Asp	Leu
65					70					75					80

Gly	Ser	Lys	Tyr	Phe	Ala	Asn	Ile	Tyr	Leu	Gln	Leu
				85					90		

<210> 7609

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

6787

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7609

Pro	Lys	His	Ile	Asn	Leu	Xaa	Thr	Asp	Leu	Thr	Ser	Asp	Gln	Gly	Gln
1				5				10					15		

Asp	Pro	Xaa	Trp	Glu	Val	Ile	Leu	Asp	Tyr	Thr	Ser	Leu	Leu	Trp	Ser
			20					25					30		

Gly	Cys	Lys	His	Cys	Ser	Xaa	Ser	Glu	Cys	Gly	Phe	Thr	Leu	Asn	His
		35					40					45			

Pro	Xaa	Tyr	Thr	Gly	Leu	Ile	Xaa	Cys	Leu
	50					55			

<210> 7610

<211> 15

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7610

Leu	Trp	Xaa	His	Xaa	His	Xaa	Lys	Asn	Ile	Ala	Trp	Lys	Lys	Lys
1				5				10					15	

<210> 7611

<211> 79

<212> PRT

<213> Homo sapiens

6788

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<400> 7611
 Ser Val Thr Glu Gly Arg Leu Cys Xaa Val Ser Cys Ile Phe Leu Phe
 1 5 10 15
 Phe Gln Lys Leu Gln Met Phe Ile Ile Ser Phe Lys His Cys Leu Asn
 20 25 30
 Ser Asn Trp Xaa Ile Thr Ala Val Xaa Arg Arg Gly Leu Ser Leu Tyr
 35 40 45
 Phe Met Arg Arg Met Thr Thr Asn Leu Glu Glu Arg Ser Tyr Tyr Xaa
 50 55 60
 Thr Gln Asp His Gln Ser Met Cys Arg Thr Leu Ser Xaa Leu Ile
 65 70 75

<210> 7612
 <211> 28
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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7612

Arg	Gly	Ser	Asp	Phe	Leu	Val	Thr	Trp	Glu	Ser	His	Asp	Leu	Xaa	Pro
1				5				10						15	

Asp	Ser	Xaa	Xaa	Xaa	Leu	Trp	Val	Ile	Asn	Ile	Gly
		20				25					

<210> 7613

<211> 82

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7613

Gly	Thr	Val	Asp	Pro	Ala	Pro	Gly	Thr	Ala	Ser	Val	Leu	Leu	Ala	Ala
1				5				10						15	

6790

His Gly Arg Glu Arg Gly Ala Ala Ala Arg Arg Ser Arg Met Pro Pro
 20 25 30
 Gly Pro Glu Val Leu Gln Arg Pro Gly Arg Gly Arg Pro Arg Leu Gly
 35 40 45
 Gly Arg Arg Thr Ser Gly Glu Glu Ala Gln Glu Arg Trp Arg Leu Gly
 50 55 60
 Ala Ala Arg Glu Ala Ala Xaa Ala Glu Xaa Xaa Ala Ala His Gly Leu
 65 70 75 80
 Phe Gly

<210> 7614

<211> 20

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7614

Asp Met Xaa Thr Gln Leu Asp Thr Pro Gly Xaa Trp Gln Phe Pro Asp
 1 5 10 15

Pro Xaa Met Ile
 20

<210> 7615

<211> 74

<212> PRT

<213> Homo sapiens

6791

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<400> 7615
 Val Tyr Ala Xaa Thr Pro Cys Arg Tyr Arg Ser Gly Ile Pro Gly Ser
 1 5 10 15
 Thr His Ala Xaa Glu Val Arg Trp Ala Leu Xaa Thr Leu Xaa Ile Thr
 20 25 30
 Thr Ser Arg Lys Asp Glu Val Arg Asp Leu Val Leu Xaa Phe Gly Met
 35 40 45
 Pro Leu Xaa Leu Asp Ser Gln Ser Cys Arg Leu Gly Lys Met Leu Xaa

6792

50	55	60
Leu Ser Trp Ser Ala Ser Cys Xaa Ile Gln		
65	70	

<210> 7616
 <211> 55
 <212> PRT
 <213> Homo sapiens

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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7616
 Arg Xaa Gly Xaa Glu Trp Xaa Leu Lys Gly Gly Xaa Lys Ile Ser Leu
 1 5 10 15

6793

Gly Gly Leu Leu Thr Gly Leu Tyr Ser Xaa Ser Lys Gly Ile Cys Asp
 20 25 30

His Val Trp Gly Gly Thr Gly Glu Thr His Gly Val Leu Glu Ala Leu
 35 40 45

Xaa Ala Xaa Asp Gly Arg Ala
 50 55

<210> 7617

<211> 52

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7617

Trp Tyr Ala Thr Asn Xaa Lys Leu Ile Thr Trp Leu Xaa Leu Gln Phe
 1 5 10 15

Asn Gly Thr Thr Ile Leu Phe Pro Trp Trp Xaa Leu Thr Leu Pro Asn

6794

20 25 30
Gln Gln Thr His Ser Cys Gln Asp Arg Lys Gln Lys Xaa Xaa Lys Pro
35 40 45
Val Ile Arg Xaa
50

<210> 7618

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<400> 7618

6795

Xaa Pro Xaa Xaa Leu Ala Asn Ser Gln Arg Phe Lys Gly Xaa Lys Gly
 1 5 10 15
 Pro Arg Arg Pro Pro Gly Ser Gly Ile Pro Gly Ser Thr His Ala Ser
 20 25 30
 Gly Cys Ala Arg Glu Trp Val Trp Arg Pro Gly Xaa Gly Arg Xaa Xaa
 35 40 45
 Thr His
 50

<210> 7619
 <211> 50
 <212> PRT
 <213> Homo sapiens

<400> 7619
 Ile Asn Asn Ser Val Asn Val Tyr Ile Val Asn Asn Cys Ile Ala Leu
 1 5 10 15
 Gly Trp Asn Arg Asp Ala Arg Arg Tyr Arg Thr Met Trp Asn Ser Glu
 20 25 30
 Lys Gly Ala Leu Lys Asn Glu Ile Leu Leu Phe Leu Pro Gly Glu Ser
 35 40 45
 Arg Cys
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<400> 7620

Pro	Leu	Leu	Ile	Cys	Ser	Leu	Arg	Glu	Thr	Arg	Leu	Pro	Asn	Ala	Lys
1				5					10					15	

Met	Val	Asn	Xaa	Gln	Leu	Glu	Glu	Xaa	Asp	Gln	Asp	Val	Cys	Leu	Arg
		20						25					30		

Xaa	Lys	Gly	Glu	Glu	Xaa	Xaa	Val	Gly	Ser	Met	Phe	Ala	Ser	Asp	Ile
		35					40					45			

Glu	Gly	Glu	Arg	Asn	Lys	Asn	Tyr	Lys
	50					55		

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<400> 7621

Gln	Xaa	Ile	Asp	Leu	Glu	Gly	Tyr	Lys	Ile	Asn	Asn	Xaa	Ala	Glu	Trp
1				5					10					15	

Cys	Leu	Gln	Val	Phe	Thr	Val	Asp	Ser	Glu	Leu	Arg	Cys	Glu	Gly	Met
		20					25					30			

Arg	Arg	His	Arg	Trp	Val	Trp	Lys	Pro	Pro	Ala
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6797

35

40

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<400> 7622
 Gly Lys Asp Asp Xaa Ser Ile Leu Xaa Thr Leu Arg Pro Thr Ala Asp
 1 5 10 15

Arg Glu Glu Gly Glu Cys Gly Gly Xaa Glu Glu Gly Gly Arg Xaa Ala
 20 25 30

Gly Gly

<210> 7623
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6798

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<400> 7623
Thr Xaa Thr His Gly Ser Ile Thr Ala Ile Xaa Xaa Ala His His Xaa
1 5 10 15
Ser Thr Glu Leu Asn Val Tyr Thr Val Asp Pro Glu Ile Ser Thr Gly
20 25 30
His Xaa Xaa Gln Xaa Xaa
35

<210> 7624
<211> 44
<212> PRT
<213> Homo sapiens

6799

<400> 7624

Leu Val Thr Leu Thr Pro Thr Pro Gln Pro Leu Val Leu Gly Thr Leu
1 5 10 15

Ile Pro Thr Leu Gly Pro Leu Pro Leu Gly Ser Ser Asn Gly Trp Thr
20 25 30

Ala Gly Leu Trp Ser Gly Trp Ser Ile Ala Val Ala
35 40

<210> 7625

<211> 33

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<400> 7625

Cys Xaa Trp Ala Asn Pro His Xaa Glu Ser Arg Gly Lys Gly Xaa His
1 5 10 15

Leu Ser Pro Arg Gly Gly Xaa Ser Gln Ser Trp Val Glu Lys Thr Pro
20 25 30

Leu

<210> 7626

6800

<211> 23
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<400> 7626
Asn Leu Xaa Leu Xaa Leu Asp Cys Leu Asp Val Leu Xaa Pro Leu Gly
1 5 10 15
His Xaa Xaa Ile Ile Glu Gln
20

<210> 7627
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6801

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Val	Thr	Ser	Phe	Ser	Ser	Asn	Phe	Phe	Ile	Gln	Glu	Asn	Met	Val	Ile
1				5					10					15	

Tyr	Tyr	Lys	Cys	Leu	Tyr	Leu	Ser	Leu	Ser	Gly	Leu	Trp	Ile	Ile	Leu
			20					25					30		

His	Ile	Ala	Thr	Glu	Ile	Trp	Glu	Phe	Leu	Leu	His	Thr	Ala	Glu	Xaa
		35					40					45			

Ile	Gln	Ser	Ala	Ala	Arg	Ser	Cys	His	Pro	Glu	His	Arg	Arg	Leu	Leu
	50					55					60				

Cys	Ser	Ser	Leu	Gly	Thr	Gly	Pro	His	Gly	His	Arg	Ser	Ser	Xaa	Lys
65					70					75					80

Gly	Arg	Lys	Gly	Gly	Val	Lys	Pro	Lys	Phe	Lys	Pro	Gly	Ile	Phe	Asn
				85					90					95	

Phe Ser Pro

<210> 7628

<211> 72

<212> PRT

<213> Homo sapiens

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<400> 7628
 Xaa Glu Xaa Ala Cys Phe Xaa Pro Trp Val Gly Arg Leu Gln His Lys
 1 5 10 15
 Xaa Lys Thr Asn Ser Xaa Gln Ala Phe Leu Lys Arg Leu Ile Met Cys
 20 25 30
 Ile Lys Val Gln His Arg Arg Val Pro Leu Asn Leu Pro Cys Phe Cys
 35 40 45
 Phe Phe Arg Phe Ala Ile Pro Leu Leu Xaa Gly Leu Tyr Xaa Val Ala
 50 55 60
 Val Ile Lys Cys Pro Lys Gln Gly
 65 70

<210> 7629
 <211> 19
 <212> PRT
 <213> Homo sapiens

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<400> 7629

Asp	Asn	Thr	Cys	Leu	Leu	Lys	Ser	Val	Ala	Ile	Xaa	Xaa	Ala	Xaa	Ile
1				5					10					15	

Trp Xaa Xaa

<210> 7630

<211> 13

<212> PRT

<213> Homo sapiens

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<400> 7630

Ala	Xaa	Leu	Xaa	Xaa	Leu	Asn	Gln	Ile	Leu	Asn	Lys	Glu
1				5					10			

<210> 7631

<211> 75

<212> PRT

<213> Homo sapiens

6804

<400> 7631

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Leu Lys Val Val Pro Gly Tyr Ala His Thr Val Gly Gln Lys His Arg
 1             5             10             15

Gln Ile Cys Ser Ile Ser Lys His Val Gly Ala Glu Phe His Leu Phe
          20             25             30

Gln Val Asn Ile Cys Val Ser Met Pro Asp Ser Gln Pro Trp Thr Cys
          35             40             45

Thr Ser Ala Ile Thr Trp Pro Trp Met Asp Glu Gly Gly Trp His Val
          50             55             60

Asn Arg Asn Trp Thr Arg Glu Thr Thr Lys Glu
          65             70             75

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<210> 7632

<211> 74

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<213> Homo sapiens

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<400> 7632

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Ile Tyr Pro Leu Phe Ile Gln Ser Met Leu Ser Arg Ser Phe Asn Ser
 1             5             10             15

Asn Phe Thr Thr Val Ser Ser Phe His Cys Gly Ser Ser Arg Asp Leu
          20             25             30

His Gly Ser Gln Gly Ser Leu Ala Leu Ser Val Ala Asp Arg Arg Gly
          35             40             45

Xaa Gly Gly His Ile Xaa Arg Val Ser Thr Tyr Thr Arg Pro Ile Leu
          50             55             60

Leu Ala Cys Arg Arg Glu Asn Pro Lys Phe
          65             70

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6805

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 Lys His Lys Cys Ser Met Ser Xaa Leu Lys Ile Tyr His Xaa Phe Val
 1 5 10 15
 Thr Phe Ile Trp Ser Ile Ser Ser Xaa Thr Tyr Ile Ser Xaa Ile Leu
 20 25 30
 Lys Lys Lys Trp Thr Gly Pro Xaa Asn Ala Xaa Xaa Pro Cys Xaa Xaa
 35 40 45
 Xaa Phe Thr His Thr Cys Xaa Gly Asp Ala Val Xaa Ala Glu Xaa Trp

6807

50 55 60
 Ser Xaa Asn Trp Xaa Xaa Xaa
 65 70

 <210> 7634
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 <400> 7634
 Lys Ile Lys Leu Leu Xaa Phe Arg Phe Phe Ser Val Pro Lys Met Glu
 1 5 10 15

 Val Lys Ser Tyr Thr Lys Asn Asn Thr Ile Ala Pro Lys Lys Ala Ser
 20 25 30

 His Arg Ile Leu Ser Asp Thr Ser Asp Glu Glu Asp Ala Ser Val Thr
 35 40 45

 Val Gly Thr Gly Glu Lys Leu Arg Leu Leu Ala His Thr Asp Ile Ala
 50 55 60

 Trp
 65

<210> 7635
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 <212> PRT
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<400> 7635
Asn Ile Pro Gly Gln Xaa Asp Ala Leu Leu Lys Val Thr Leu Ser Phe
1 5 10 15
Gly Arg Ala Xaa Leu Xaa Pro Gln Thr Xaa Glu Tyr Leu Gly Gln Gln
20 25 30

Ala

<210> 7636
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<212> PRT
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<400> 7636
Leu Val Leu Asp Arg Glu Gln Pro Pro Thr Gly Ser Leu Val Phe Ile
1 5 10 15
Tyr Asn Lys Ile Val Gly Asp Thr Ser Lys Xaa Xaa Xaa
20 25

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6809

<211> 86
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 1 5 10 15
 Gly Lys Val Phe Leu Asn Leu Trp Phe Ile Pro His Ser Ser Glu Val
 20 25 30
 Leu Val Met Phe Lys Thr Leu Pro Glu Lys Ala Ala Phe Lys Ala Leu
 35 40 45
 Lys Arg Thr Leu Gln Leu Ile Ala Pro Leu His Asp Ile Val Ala Tyr
 50 55 60
 Leu Val Ser Phe Ala Lys Leu Gly Asn Cys Pro Xaa Cys Phe Glu Phe
 65 70 75 80
 Leu Xaa Xaa Pro Thr Leu
 85

<210> 7638
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Asn Val Arg Thr Arg Ser Pro Ile Ala Gly Ser Thr His Ala Ser Val
1 5 10 15
Ser Pro Leu Leu Leu Thr Xaa Phe Asn Thr Glu Gln Asn Ser Gly Ala
20 25 30
Lys Xaa Gly Xaa
35

<210> 7639
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 Xaa Arg His Gly His Gly Leu Xaa Thr Leu Pro Val Tyr Val Ala Glu
 1 5 10 15
 Gly Ala Xaa Gly Thr Ala Pro Pro Gly Asn Cys Arg Pro Ser Gln Lys
 20 25 30
 Leu Leu Lys Phe Xaa Asn Lys His Xaa Ile Trp Arg Ser Gln Ser Xaa
 35 40 45

Xaa

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<400> 7640
 Leu Leu Arg Cys Asn Pro Ala Thr Ile Ala Ala Gly Leu His Xaa Lys
 1 5 10 15

Arg Xaa Xaa Ser Lys
 20

6812

<210> 7641

<211> 29

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Gly	Lys	Asn	Gly	Arg	Thr	Tyr	Gln	Thr	Ile	Lys	Arg	Glu	Ile	Pro	Phe
1				5					10					15	

Glu	Pro	Leu	Xaa	Leu	Leu	Lys	Pro	Glu	Xaa	Xaa	Xaa	Phe
		20						25				

<210> 7642

<211> 54

<212> PRT

<213> Homo sapiens

<400> 7642

Leu	Gly	Leu	Ile	Gln	Thr	Leu	Gly	Thr	Lys	Ser	Ile	Asp	Trp	Ser	Ser
1				5					10					15	

Trp	Val	Glu	Gly	Cys	Leu	Leu	Leu	Leu	Asn	Pro	Gly	Ser	Glu	Glu	Asp
			20						25				30		

Trp	Val	Ala	His	Cys	Val	Ser	Phe	Thr	Met	Val	Thr	Thr	Phe	Pro	Phe
			35					40				45			

6813

Leu Thr Ser Leu Leu Ser
50

<210> 7643

<211> 83

<212> PRT

<213> Homo sapiens

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1 5 10 15

Asn Leu Thr Asn Ser His Val Ile Arg Leu Asn Val Leu Arg Glu Pro
20 25 30

Ala Val Phe His Thr Pro Cys Asn Leu Met Val Ile Ala Pro Gln Gln
35 40 45

Asp Lys Trp Val Thr Arg Gln Ser Ser Ser Xaa Leu Val Gly Lys Cys
50 55 60

Gln Tyr Gln His Thr Phe Lys Xaa Phe Tyr Val Asn Leu Gln Ile Xaa
65 70 75 80

Pro Gly Leu

<210> 7644

<211> 17

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<213> Homo sapiens

6814

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<400> 7644
Xaa Xaa Ala Cys Xaa Asp Ser Arg Ala His Lys Leu Val Xaa Xaa Glu
1 5 10 15

Pro

<210> 7645
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<400> 7645

6815

Glu Ile Xaa Tyr Ile Asn Lys Tyr Lys Xaa Arg
 1 5 10

<210> 7646

<211> 33

<212> PRT

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<220>

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7646

Pro Xaa Asp Arg Asp Ala Gln Xaa Ala Val Pro Gly Phe Val Lys Xaa
 1 5 10 15

His Cys Ile Gly Ser Asn Ser Xaa Thr Arg Gly Val Ser Lys Xaa Gly
 20 25 30

Lys

<210> 7647

<211> 27

<212> PRT

<213> Homo sapiens

6816

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<400> 7647
Val Gly Cys Ser Asp Asp Phe Gly Phe Xaa Ser Lys Asn Asp Gly Ser
1 5 10 15
His Thr Val Ile Pro Xaa Pro Xaa Cys Cys Thr
20 25

<210> 7648
<211> 30
<212> PRT
<213> Homo sapiens

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<400> 7648

6817

Gly Asp Leu Thr Val Trp Asp Asp Lys Met Arg Cys Leu His Xaa Glu
 1 5 10 15

Lys Ala His Asp Leu Gly Ile Thr Cys Xaa Asp Phe Xaa Xaa
 20 25 30

<210> 7649

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7649

Gly Asn Lys Gly Asn Cys Leu Trp Leu Glu Ser Xaa Leu Gly Val Asn
 1 5 10 15

Thr Xaa

<210> 7650

<211> 28

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

6818

<400> 7650

His	Leu	Gln	Lys	Ile	Ser	Ala	Pro	Ala	Thr	Met	Phe	Xaa	Val	Arg	Gly
1				5					10					15	

Trp	Lys	Ser	Xaa	Xaa	Lys	Phe	Met	Val	His	Thr	Pro
			20					25			

<210> 7651

<211> 40

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7651

Gly	Thr	Arg	Xaa	Leu	Glu	Arg	Asn	Ala	Pro	Gly	Glu	Lys	Thr	Asn	Ala
1				5					10					15	

Leu	Lys	Arg	Ser	Arg	Leu	Xaa	Ser	Ser	Asn	Thr	Asp	Asp	Thr	Gln	Leu
			20					25					30		

Pro	Ser	Glu	Xaa	Ala	Lys	Glu	Gln
		35				40	

<210> 7652

<211> 33

<212> PRT

<213> Homo sapiens

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6819

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<221> SITE
<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7652
Ala Asn Xaa Val Pro Pro Arg Xaa Lys Thr Xaa Xaa Glu Phe Tyr Ser
1 5 10 15
His Lys Ser Asp Ala Leu Asn Met Ile Gly Xaa Val Arg Pro Ala Ser
20 25 30

Met

<210> 7653
<211> 54
<212> PRT
<213> Homo sapiens

<220>
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<222> (52)

6820

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7653

Lys Ile His Glu Ser Ala Glu Lys Arg Leu Lys Val Ile Tyr Thr Ser

1

5

10

15

Gly Arg Arg Asn Asn His Ser Glu Gln His Thr Ser Phe Tyr Thr Ile

20

25

30

Val Leu His Cys Trp Asp Tyr Ile Xaa Ile Tyr Val Cys Xaa Pro Leu

35

40

45

Cys Glu His Xaa Ser Met

50

<210> 7654

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7654

Val Asp Ala Trp Val Val Leu Asp Arg Glu Arg Xaa Pro Phe Phe Phe

1

5

10

15

Xaa Pro Xaa Ser Pro Pro

20

<210> 7655

<211> 94

<212> PRT

<213> Homo sapiens

6821

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<400> 7655
 Ala Arg Phe Pro Xaa Asn Phe Ser Pro Phe Phe Xaa Pro Gln Leu Lys
 1 5 10 15
 Xaa Gln Phe Pro Lys Lys Asn Leu Gly Glu Pro Lys Asn Leu Gly Ala
 20 25 30

6822

Leu Ser Phe Pro Phe Phe Ser Pro Leu Gly Gly Glu Pro Lys Lys Ile
 35 40 45

Phe Lys Gly Gly Ala Pro Xaa Lys Val Pro Leu Leu Thr Arg Xaa His
 50 55 60

Leu Pro Leu Gly Pro Leu Ile Ser Trp Xaa Phe Phe Pro Phe Phe Xaa
 65 70 75 80

Pro Leu Gly Xaa Trp Xaa Leu Gly Leu Leu Glu Ala Ser Trp
 85 90

<210> 7656

<211> 24

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7656

Glu Gly Ser Leu Ser Ser Glu Thr Gln Asp Gly Xaa Ile Gly Xaa Asn
 1 5 10 15

Cys Leu Leu Leu Cys Xaa Arg Ala
 20

<210> 7657

<211> 20

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

6823

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7657

Val	Asp	Ala	Trp	Ala	Arg	Ala	Gln	Ser	Ser	Gly	Ala	Pro	Leu	Pro	Xaa
1				5				10					15		

Thr	Ala	Xaa	Arg
			20

<210> 7658

<211> 44

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7658

Val	Ala	Val	Thr	Ala	Phe	Ile	Ser	Pro	Val	Ile	Phe	Leu	Thr	Glu	Ile
1				5				10					15		

6824

Leu Ser Leu Ser Pro Gly Asn Ile Gly Asp Tyr Gln Asn Xaa Leu Val
20 25 30

Xaa Ala Xaa Xaa Leu Lys Ile Xaa Lys Gly Lys Asn
35 40

<210> 7659
<211> 17
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (11)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7659
Lys Met Lys Gly Ile Ile Tyr Asp Lys Xaa Xaa Ser Asp Ile Leu Leu
1 5 10 15

Gln

<210> 7660
<211> 36
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

6825

<220>
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<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (36)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7660
Xaa Ser Ile Gly Lys Ala Gly Thr Pro Gly Gly Asn Gly Pro Glu Xaa
1 5 10 15

Pro Gly Gly Xaa Xaa Cys Ala Gly Leu Glu Leu Tyr Gly Glu Arg Arg
20 25 30

Asp Ile Lys Xaa
35

<210> 7661
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (28)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7661
Ala Leu Gly Glu Glu Pro Leu Ile Pro Ser Val Leu Gln Trp Pro Ser
1 5 10 15

6826

Ser Leu Gly Pro Xaa Thr Met Cys Xaa Xaa Asp Xaa His Arg Ala Arg
20 25 30

Val

<210> 7662

<211> 53

<212> PRT

<213> Homo sapiens

<400> 7662

Val Tyr Cys Leu Pro Gln Ser Pro Leu Ser His Tyr Thr Gln Gly Leu
1 5 10 15

Ala Phe Asn Lys Lys Leu Gly Tyr Ile Pro Lys Ser Lys Ala Asn Asn
20 25 30

Asp Ser Leu Ser Arg Asp Lys Val Val Asn Arg Asn Arg Pro Arg Ser
35 40 45

Asn Ala Pro Arg Cys
50

<210> 7663

<211> 56

<212> PRT

<213> Homo sapiens

<400> 7663

Ile Arg His Ile Val Lys Leu Ser Leu Asp Val Ser Ile Phe Lys Ile
1 5 10 15

Ile Phe Lys Met Thr Phe Lys Gly Phe Lys His Arg Leu Ser Lys Ser
20 25 30

Leu Thr Phe Ser Asp Thr Phe Leu Ser Ser Lys Leu Phe Gly Glu Tyr
35 40 45

Leu Phe Phe Lys Lys Thr Asp Arg
50 55

<210> 7664

<211> 52

6827

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (16)

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<220>

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<222> (19)

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7664

Ser	Ile	Ser	Tyr	Arg	Leu	Asn	His	Ile	His	Val	Val	Asp	Val	Leu	Xaa
1					5					10				15	

Asn	Arg	Xaa	Trp	Val	Met	Cys	Xaa	Leu	Thr	Ile	Xaa	Thr	Leu	Pro	Val
			20					25					30		

Tyr	Ile	Lys	Ala	Ile	Lys	Asn	Leu	Asn	Ile	Val	Ile	Xaa	His	Cys	Ile
		35					40					45			

Pro	Xaa	Thr	Xaa
			50

6828

<210> 7665
<211> 25
<212> PRT
<213> Homo sapiens

<220>
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<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7665
Ala Xaa Ala Phe Ala Ala Lys Leu Arg Met Ser Asp Gly Val Glu Ala
1 5 10 15
Val Thr Gly Ala Ala Xaa Gly Glu Val
20 25

<210> 7666
<211> 78
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
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<222> (72)
<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (78)
<223> Xaa equals any of the naturally occurring L-amino acids

6829

<400> 7666

Gln Tyr Leu Leu Gln Leu Thr Leu Leu His Ser Pro Gln Ile Ile Leu
1 5 10 15

Thr Asp Gly Ile Asn Pro Gly Asn Asn Asn Gly Gly Leu Ser Ser Thr
20 25 30

Leu Cys His Ser Gly Asn Cys Ala Thr Lys Asn Lys Leu Gly Phe Cys
35 40 45

Phe Gly Ile Ala Gly Glu Glu Thr Gln Ala Val Val Ser Cys Lys Ser
50 55 60

Leu Ser Glu Thr Xaa Leu Thr Xaa Xaa Leu Phe Ser Leu Xaa
65 70 75

<210> 7667

<211> 19

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7667

Thr Phe Val Tyr Lys Met Lys Xaa Xaa Gln Xaa Lys Glu Tyr Lys Xaa
1 5 10 15

Met Lys Lys

6830

<210> 7668

<211> 103

<212> PRT

<213> Homo sapiens

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<222> (6)

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<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7668

Arg	Thr	Tyr	Phe	Pro	Xaa	Lys	Met	Pro	Thr	Thr	Lys	Lys	Thr	Leu	Met
1				5					10					15	

Phe	Leu	Ser	Ser	Phe	Phe	Thr	Ser	Leu	Gly	Ser	Phe	Ile	Val	Ile	Cys
			20					25					30		

Ser	Ile	Leu	Gly	Thr	Gln	Ala	Trp	Ile	Thr	Ser	Thr	Ile	Ala	Xaa	Arg
		35					40					45			

Asp	Ser	Ala	Ser	Xaa	Gly	Ser	Ile	Phe	Ile	Thr	Tyr	Gly	Leu	Phe	Arg
	50					55					60				

Gly	Glu	Ser	Ser	Glu	Glu	Leu	Ser	His	Gly	Leu	Ala	Glu	Pro	Lys	Lys
65					70					75					80

Lys	Ile	Ala	Val	Leu	Glu	Ile	Leu	Asn	Asn	Ser	Ser	Gln	Lys	Thr	Leu
				85					90					95	

His	Ser	Val	Thr	Ile	Leu	Thr
						100

<210> 7669

<211> 66

<212> PRT

<213> Homo sapiens

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6831

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 <222> (62)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7669
 Gly Xaa Leu Val Arg Leu Gln Val His Gly Pro Glu Phe Pro Gly Arg
 1 5 10 15

 Xaa Thr Arg Pro Asn Ala Asp Val Xaa Gln Lys Leu Tyr Leu Ser Ala
 20 25 30

 Phe Gly Trp Thr Ser Tyr Phe Pro Leu Ser Leu Asp Asp Ala Ala Arg
 35 40 45

 Glu Phe Leu Ser Leu Phe Cys Ser Arg Arg Thr Ser Cys Xaa His Gly
 50 55 60

 Gln Leu
 65

<210> 7670
 <211> 125
 <212> PRT
 <213> Homo sapiens

<220>
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 <220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

6832

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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7670
 Xaa Asp Ser Leu Xaa Gly Xaa Leu Val Arg Leu Gln Val Pro Val Arg
 1 5 10 15

Asn Ser Arg Val Xaa Pro Arg Val Arg Pro Arg Val Arg Thr Ala Ser
 20 25 30

Arg Ala Thr Ser Arg Gly Pro Gln Gly Met Asp Leu Gln Ala Ala Gly
 35 40 45

Ala Gln Ala Xaa Gly Ala Ala Glu Pro Xaa Arg Gly Pro Pro Leu Pro
 50 55 60

Ser Ala Arg Gly Ala Pro Pro Ser Pro Glu Ala Gly Phe Ala Thr Ala
 65 70 75 80

Asp His Ser Gly Gln Glu Arg Glu Thr Glu Lys Ala Met Asp Arg Leu
 85 90 95

Ala Arg Gly Thr Gln Ser Ile Pro Asn Asp Ser Pro Ala Arg Gly Glu

6833

	100		105		110
Gly Thr Xaa Ser Glu Glu Glu Gly Phe Ala Met Xaa Glu					
	115		120		125

<210> 7671
 <211> 14
 <212> PRT
 <213> Homo sapiens

<400> 7671
 Ala Lys Ile Tyr Cys Gly Met His Leu Ile Asn Leu Phe Met
 1 5 10

<210> 7672
 <211> 21
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (15)
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (21)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7672
 Ala Asp Ala Trp Ala Asp Phe Gln Asn Glu Val Cys Ala Gly Xaa Xaa
 1 5 10 15

Leu Xaa Thr Arg Xaa
 20

6834

<210> 7673
<211> 22
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE
<222> (15)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (19)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7673
Ala His Ala Ser Xaa Ser Gly Arg Pro Phe Xaa Xaa Phe Leu Xaa Glu
1 5 10 15

Ile Tyr Xaa Cys Thr Glu
20

<210> 7674
<211> 85
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (44)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7674

6835

Arg Gln Arg Phe Lys Asp Pro Gly Arg Val Ser Leu Ser Arg Gln Cys
 1 5 10 15
 Trp His Leu Gln Gln Asp Arg Ala Pro Cys Arg Val Ser Leu Val Lys
 20 25 30
 Thr Ala Asp Lys Cys Ser Glu Val Leu Leu Gln Xaa Ala Pro His Gln
 35 40 45
 Thr Ser Ser Ala Ala Trp Phe Glu Cys Cys Ser Trp Leu Gln Thr Cys
 50 55 60
 Phe Ser Ser Pro Leu Leu Ile Leu Glu Ala Ala Lys Tyr Pro Phe Asn
 65 70 75 80
 Glu Phe Leu Phe Cys
 85

<210> 7675

<211> 35

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7675

Thr Gln Gly Gly Glu Lys Arg Xaa Thr Gly Leu Asn Xaa Pro Xaa Trp
 1 5 10 15

Pro Arg Gly Phe Lys Pro Arg Gly Val Pro Gly Gly Lys Ile Xaa Tyr
 20 25 30

6836

Thr Arg Glu
35

<210> 7676
<211> 25
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (10)
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<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7676
Gly Glu Asn Lys Arg Ala Val Arg Arg Xaa Arg Asn Asp Trp Gly Gly
1 5 10 15

Leu Lys Lys Lys Xaa Xaa Pro Pro Gly
20 25

<210> 7677
<211> 36
<212> PRT
<213> Homo sapiens

<220>
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6837

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<400> 7677
 Xaa Gly Lys Lys Ala Xaa Xaa Leu Thr Gly Lys Arg Gln Xaa Val Lys
 1 5 10 15
 Arg Gly Val Thr Pro Gly Lys Phe Tyr Thr Gln Xaa Val Thr Gly Thr
 20 25 30
 Pro Asn Arg Pro
 35

<210> 7678
 <211> 35
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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<400> 7678
 Leu Gly Gly Gly Gly Lys Lys Lys Val Pro Thr Gly Val Xaa Asn Arg
 1 5 10 15
 Thr Pro Pro Ala Pro Arg Gly Phe Lys Pro Xaa Gly Val Tyr Thr Gly
 20 25 30
 Gly Lys Asn
 35

6838

<210> 7679
<211> 33
<212> PRT
<213> Homo sapiens

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<400> 7679
Xaa Gly Pro Glu Xaa Pro Gly Ser Thr His Ala Ser Ala His Ala Phe
1 5 10 15
Glu Xaa Phe Gly Gln Asp Glu Met Ile Xaa Gly Gly Gly Leu Leu Lys
20 25 30

Lys

<210> 7680
<211> 37
<212> PRT
<213> Homo sapiens

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6839

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<400> 7680

Glu	Gln	Xaa	Val	Lys	Arg	Pro	Arg	Gly	Tyr	Arg	Pro	Ser	Ala	Gln	Xaa
1				5				10						15	

Leu	Thr	Ala	Gly	Val	Pro	Gly	Glu	Asn	Xaa	His	Pro	Xaa	Gly	Thr	Gly
			20					25					30		

Thr	Pro	Asn	Gly	Pro
				35

<210> 7681

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7681

Lys	Leu	Tyr	Ile	Leu	Cys	Glu	Thr	Val	Phe	His	Cys	Pro	His	Ser	Lys
1				5				10						15	

Ile	Ile	Ser	Gln	Leu	Lys	Lys	Ile	Pro	Lys	Gln	Phe	Cys	Val	Leu	Ser
			20					25					30		

Met	Leu	Tyr	Tyr	Tyr	His	His	Ile	Cys	Leu	Val	Leu	Xaa	Leu	Asn	Xaa
			35				40					45			

Phe	Met	Gly	Thr	Phe	Tyr	Val	Phe	Leu	Thr	Ile	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6840

50

55

60

<210> 7682

<211> 77

<212> PRT

<213> Homo sapiens

<400> 7682

Pro Gln Val Leu Ile Val Glu Glu Ser Met Val Gly Ser Cys Gly Thr

1

5

10

15

Met Ser Ala Val Cys Ser Val Lys Cys Gly Cys Cys Arg Ala Cys Phe

20

25

30

Thr Tyr Gly Lys Val Lys Phe Met Pro Trp Thr Lys Pro Gly Phe Leu

35

40

45

Glu Leu Leu Leu Ala Ser Ile Lys Ile Thr Ser Arg Leu His Val Trp

50

55

60

Ile Cys Ile Pro Ala Gly Gly Ile Ser Cys Phe Ala Asp

65

70

75

<210> 7683

<211> 137

<212> PRT

<213> Homo sapiens

<400> 7683

Thr Arg Ala Gln Ser Asp Ser Ser Gln Thr Leu Gly Ser Ser Met Asp

1

5

10

15

Cys Ser Thr Ala Arg Glu Glu Pro Ser Ser Glu Pro Gly Pro Ser Pro

20

25

30

Leu Pro Leu Pro Ser Gln Gln Gln Val Glu Glu Ala Thr Val Gln Asp

35

40

45

Leu Leu Ser Ser Leu Ser Glu Asp Pro Cys Pro Ser Gln Lys Ala Leu

50

55

60

Asp Pro Ala Pro Leu Ala Arg Pro Ser Pro Ala Gly Ser Ala Gln Thr

65

70

75

80

Ser Pro Glu Leu Glu His Arg Val Ser Leu Phe Asn Gln Lys Asn Gln

85

90

95

6841

Glu Gly Phe Thr Val Phe Gln Ile Arg Pro Val Ile His Phe Gln Pro
 100 105 110

Thr Val Pro Met Leu Glu Asp Lys Phe Arg Ser Leu Glu Ser Lys Glu
 115 120 125

Gln Lys Leu His Arg Val Pro Glu Ala
 130 135

<210> 7684

<211> 43

<212> PRT

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<220>

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<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7684

Asp Phe Leu Tyr Gly Tyr Leu Glu Ile Leu Tyr Met Lys Asn Asn Xaa
 1 5 10 15

Trp Phe Lys Ile Asp His Phe Asn Lys Xaa Thr Ile Phe Leu Phe Thr
 20 25 30

Lys Met Leu Phe Phe Tyr Asp Val Asn Asn Cys
 35 40

<210> 7685

<211> 30

<212> PRT

<213> Homo sapiens

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6842

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7685

Gly	Arg	Asn	Leu	Val	Arg	Glu	Ile	Arg	Tyr	Xaa	Val	Val	Ser	Asn	His
1				5				10					15		

Lys	Val	Phe	Val	Xaa	Phe	Lys	Trp	Ile	Asp	Tyr	Leu	Xaa	Xaa
			20				25					30	

<210> 7686

<211> 34

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

6843

<400> 7686

Xaa Ala Glu Thr Ala Lys Asp Val Gly Xaa Glu Ala Thr Ile His Leu
1 5 10 15

Lys Ser Ala Tyr Xaa Pro Tyr Tyr Ser Glu Gly Val Xaa Gln Trp Asn
20 25 30

Lys Xaa

<210> 7687

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7687

Ser Gly Ile Lys Cys Phe Thr Glu Ala Met Gly Tyr Val Ser Ile Gly
1 5 10 15

Arg Gly Ala Phe His Ser Ala Leu Lys Ala Asn Val Ser Phe Thr Gly
20 25 30

Ala Cys Gly Lys Ala Asn Val Xaa Ile Ser Asn Asp Lys Gly Gly Glu
35 40 45

Lys Pro Pro Arg Xaa Lys Thr Xaa Val Ser
50 55

<210> 7688

<211> 77

<212> PRT

<213> Homo sapiens

6844

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6845

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<400> 7688
 Leu Gly Thr Ile Tyr Leu Gln Met Phe Cys Ser Ile Asp Cys Ser Asn
 1 5 10 15
 Gln Gly Phe Phe Leu Xaa Asn Gln Xaa Trp Xaa Val Xaa Xaa Xaa Lys
 20 25 30
 Xaa Pro Glu Xaa Lys Xaa Xaa Asn Trp Xaa Leu Glu Asn Leu Arg Glu
 35 40 45
 Lys Ile Asn Ser Asn Lys Phe Xaa Ile Leu Pro Leu Arg Thr Leu Asn
 50 55 60
 Gly Glu Xaa Leu Lys Lys Xaa Phe Phe Phe Lys Pro Ser
 65 70 75

<210> 7689
 <211> 106
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (99)
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6846

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (105)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (106)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7689

Ala	Asp	Ala	Trp	Val	Leu	Lys	Lys	Leu	Gly	Leu	Ile	Val	Tyr	Ser	Ala
1				5					10					15	

Trp	Ser	Thr	Ser	Ala	Phe	Leu	Pro	Leu	Leu	Leu	Pro	Phe	Ser	Tyr	Ser
			20					25					30		

Arg	Leu	Phe	Leu	Asn	Ser	Val	Met	Leu	Ala	Phe	Thr	Lys	Ala	Leu	Thr
		35					40					45			

Phe	Pro	Val	Ile	Arg	Lys	Arg	Cys	Leu	Cys	Phe	His	Tyr	Phe	Ser	Tyr
	50					55					60				

Lys	Lys	Thr	His	Ser	Gln	Ile	His	Ile	His	Tyr	Thr	Val	Cys	Gly	Ile
65					70					75					80

Thr	Pro	Ser	Leu	Asn	Gly	His	Ser	Val	Asp	Phe	Thr	Ile	Met	Ala	Thr
				85					90					95	

Leu	Cys	Xaa	Trp	Met	Gln	Asn	Xaa	Xaa	Xaa						
			100					105							

<210> 7690

<211> 50

<212> PRT

<213> Homo sapiens

<400> 7690

Val	Leu	Val	Arg	Arg	Cys	Gln	Phe	Cys	Trp	Leu	Phe	Asn	Asn	Thr	Gly
1				5					10					15	

Trp	Leu	Val	Leu	Ile	Asp	Asn	Leu	Gln	Tyr	Leu	Tyr	Ser	Arg	Phe	Val
			20					25					30		

Pro	Glu	Ile	Met	Asn	Leu	Asn	Phe	Leu	Leu	Pro	Ser	Ser	Cys	Asn	Trp
		35					40					45			

6847

Ile Val
50

<210> 7691
<211> 19
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<400> 7691
Ala Leu Leu Met Arg Asp Val Arg Leu Pro Gly Gly Xaa Xaa Ala Leu
1 5 10 15

Ser Xaa Asp

<210> 7692
<211> 26
<212> PRT
<213> Homo sapiens

<400> 7692
Leu Glu Asn Lys Cys Val Pro Ala Gln Ser Val Gly Ala Pro Gln Pro
1 5 10 15

Trp Pro Gln Asp Arg Cys Glu Ala Met Asn
20 25

<210> 7693
<211> 15
<212> PRT

6848

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7693

Phe	Glu	Thr	Ser	Leu	Thr	Gly	His	Gly	Gly	Gly	Pro	Phe	Xaa	Ser
1				5				10					15	

<210> 7694

<211> 21

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7694

Ala	Pro	Pro	Pro	Ala	Gly	Gly	Gly	Gly	Val	Xaa	Asp	Gly	Xaa	Xaa	Xaa
1				5				10					15		

Ile Xaa Glu Arg Val
20

6849

<210> 7695
<211> 41
<212> PRT
<213> Homo sapiens

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<220>
<221> SITE
<222> (39)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7695
Val Thr Arg Arg His Gly Cys Leu Leu Ser Trp Arg Ile Ser Gln Gly
1 5 10 15
Leu Leu Ala Gly Asn Leu Thr Xaa Asn Xaa Asp Leu Thr Val Xaa Cys
20 25 30
Gln Ile Lys Lys Thr Phe Xaa Pro Cys
35 40

<210> 7696
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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6850

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7696

Ile	Thr	Ser	Ser	Phe	Val	Ala	Lys	Lys	Ile	Cys	Tyr	Thr	Xaa	Leu	Xaa
1				5					10					15	

Leu	Tyr	Leu	Asn	Asn	Asn	Leu	Cys	Ala	Gly	Met	Asp	Ile	Met	Pro	His
			20					25					30		

Cys

<210> 7697

<211> 96

<212> PRT

<213> Homo sapiens

<220>

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<222> (40)

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<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (55)

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<221> SITE

6851

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<400> 7697
 Ala Glu Tyr Thr Phe Leu Leu Leu Phe Trp Lys Arg Xaa Ala Cys Val
 1 5 10 15
 Leu Val Leu Thr Ala Arg Pro Ser Arg Pro Leu Leu Pro Lys Trp Trp
 20 25 30
 Gln Tyr Leu Ala Ile Gly Arg Xaa Ile Xaa Xaa Ala Cys Thr Phe Lys
 35 40 45
 Ile Xaa Ala Asp Val Leu Xaa Arg Ser Leu Xaa Xaa Ala Ala Xaa Ser
 50 55 60
 Xaa Leu Gln Ser Val Leu Asn Ser Met Lys Ile Thr Met Xaa Ser Leu
 65 70 75 80
 Thr Phe Val Thr Leu Xaa Tyr Leu Leu Ala His Phe Thr Xaa Thr Ile
 85 90 95

6852

<210> 7698
 <211> 60
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7698
 Arg Leu Asp Asn Gln Glu Met Thr Asn Gln Glu Ser Ala Val His Val
 1 5 10 15
 Lys Met Met Pro Glu Phe Gln Lys Ser Ser Val Arg Ile Lys Asn Pro
 20 25 30
 Thr Arg Val Xaa Xaa Ile Ile Cys Gly Leu Ile Lys Gly Gly Xaa Ala
 35 40 45
 Lys Leu Xaa Ile Ile Thr Asp Phe Asp Met Thr Leu
 50 55 60

<210> 7699
 <211> 40
 <212> PRT
 <213> Homo sapiens

6853

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (39)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7699
Cys Glu Ala Ala Glu Arg Thr Ala Thr Pro Gly Glu Ala Arg Ala Pro
1 5 10 15
Gly Ala Gly Ala Gly Ala Gly Ala Ala Pro Ser His Ala Arg Gly Xaa
20 25 30
Arg Arg Ala Pro Xaa Glu Xaa Arg
35 40

<210> 7700
<211> 60
<212> PRT
<213> Homo sapiens

<220>
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<221> SITE
<222> (39)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (48)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7700
His Gln Glu Ser Leu Lys Cys Leu Asn Cys Glu Leu Ile Arg Arg Lys
1 5 10 15

6854

Met Lys Tyr Val Ser Thr Leu Val Thr Leu Val Phe Thr Asp Ile Met
 20 25 30

Ile Ser Leu Gln Xaa Tyr Xaa Thr Asn Glu Lys Leu Glu Ala Ile Xaa
 35 40 45

Glu Pro Cys Asp Gly Val Lys Pro Thr Phe Asp Arg
 50 55 60

<210> 7701

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (25)

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<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7701

Gly Thr Trp Trp Cys Cys Cys Leu Lys Pro Pro Cys Tyr Leu Leu Val
 1 5 10 15

Gly Leu Asn Pro Asp His Pro Ile Xaa Glu Thr Xaa Gly Xaa Arg Leu
 20 25 30

Lys

<210> 7702

<211> 55

<212> PRT

<213> Homo sapiens

<220>

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6855

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7702

His	Thr	Lys	Cys	Ile	Leu	Ser	His	Ile	Asn	Tyr	Ala	Leu	Gln	Val	Gly
1				5					10					15	

Arg	Val	Asp	Thr	Val	Asp	Thr	Ala	Phe	Leu	Met	Leu	Ser	His	Cys	Asp
			20					25					30		

Gln	Lys	Leu	Phe	Tyr	Ser	Cys	Val	Ala	Phe	Ile	Glu	Gly	Asp	Leu	Xaa
		35					40					45			

Lys	Phe	Glu	Lys	Phe	Xaa	Ile
	50					55

<210> 7703

<211> 27

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7703

Leu	Ile	Arg	Glu	Asp	Cys	Gln	Xaa	Xaa	Lys	Leu	Trp	Asp	Glu	Xaa	Val
1					5				10					15	

6856

Ser His Xaa Val Glu Gly Pro Asn Phe Leu Lys
 20 25

<210> 7704

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

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<221> SITE

<222> (39)

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<222> (42)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7704

Gly Phe Ala Val Phe Cys Leu Pro Xaa Ser His Trp Leu Ser Cys Tyr
 1 5 10 15

Tyr Ile Tyr Cys Cys Phe Met Ile Tyr Phe Glu Tyr Gly Ala Tyr Asp
 20 25 30

Leu Gly Thr Asn Ala Tyr Xaa Leu Tyr Xaa Asp Tyr Ser Xaa Ile Tyr
 35 40 45

His Ser Val Xaa Xaa Asn

6857

50

<210> 7705

<211> 58

<212> PRT

<213> Homo sapiens

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<222> (53)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7705

Asp	Arg	Asp	Tyr	Gly	Ser	Ser	Gly	Gly	Lys	Asp	Gln	Pro	Ala	Pro	Asn
1				5					10					15	

Gly	Asp	Cys	Val	Gly	Ala	Ala	Thr	Leu	Phe	Pro	Gln	Ala	Phe	Leu	Ser
			20					25					30		

Pro	Phe	Ile	Ser	His	Glu	Met	Gly	Ser	Glu	Leu	Lys	Lys	Lys	Leu	Phe
			35				40					45			

Lys	Arg	Arg	Arg	Xaa	Leu	Asn	Xaa	Glu	Xaa
						55			

<210> 7706

<211> 84

<212> PRT

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6858

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7706

Tyr	Leu	Phe	Tyr	Lys	Met	Gln	Ser	Gln	Val	Pro	Gln	Pro	Arg	Leu	Ser
1				5					10					15	

Gln	Thr	Cys	Ser	Leu	Met	Thr	Gln	Val	Ser	Leu	Arg	Tyr	Ser	Trp	Cys
			20					25					30		

Pro	Pro	Gly	Gln	Thr	Val	Ser	Leu	Ile	Ile	Thr	Lys	Ala	Lys	Ala	Trp
		35					40					45			

Val	Gly	Glu	Gln	Val	Ser	Ser	Phe	Tyr	Pro	Ser	Gln	Ala	Ala	His	Leu
	50					55					60				

Leu	Phe	Lys	Asn	Ser	Lys	Ser	Xaa	Asn	Xaa	Lys	Phe	Gly	His	Glu	Pro
65					70					75					80

Leu Xaa Asn Leu

<210> 7707

<211> 17

<212> PRT

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<400> 7707

Gly	Xaa	Ile	Leu	Gln	Lys	Arg	Asn	Cys	Xaa	Ala	Gly	Val	Ile	Xaa	Xaa
1				5				10						15	

Asn

<210> 7708

<211> 56

<212> PRT

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<220>

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7708

Leu	Pro	Gly	Trp	Arg	Trp	Pro	Leu	Thr	Asp	Met	Ala	Ser	Glu	Glu	Cys
1				5				10						15	

Ser	Thr	Lys	His	Gly	Pro	Lys	Ser	Thr	Pro	Gln	Lys	Arg	Lys	Gly	Met
			20					25					30		

Lys	Gly	Ser	Phe	Ala	Cys	Phe	Thr	His	Leu	Ser	Arg	Ser	Gly	Pro	Xaa
		35					40					45			

Arg	Glu	Asp	Leu	Leu	His	Cys	Cys
	50					55	

<210> 7709

<211> 67

<212> PRT

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<400> 7709
 Phe Tyr Phe Xaa Lys Met Ser Xaa Gly Phe Pro Phe Pro Leu Xaa Xaa
 1 5 10 15
 Gln Leu His Ala Ser Pro Gly His Lys Ile Leu Ser Asp Cys Xaa Ile
 20 25 30
 Tyr Ser Ile Thr Cys Gln Xaa Tyr Val Pro Val Val Asp Tyr Ile Ser
 35 40 45

6861

Xaa Leu Xaa Gly Leu Gly Leu Val Phe Arg Ile Asp Ser Lys Gly Xaa
50 55 60

Xaa Lys Ala
65

<210> 7710
<211> 49
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7710
Gln Leu Glu Glu Xaa Ser Val Xaa Asn Pro Glu Xaa Ala Phe Met Lys
1 5 10 15

6862

Met Xaa Gln Ala Arg Lys Asn Tyr Thr Ser Thr Glu Leu Thr Val Glu
 20 25 30

Pro Glu Xaa Pro Ser Xaa Ser Xaa Gly Ile Asn Leu Ser Gly Phe Gly
 35 40 45

Ser

<210> 7711

<211> 38

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7711

Leu Xaa Xaa Gly Ala Xaa Xaa Pro Phe Thr Lys Pro Arg Asp Leu Val
 1 5 10 15

6863

Leu Pro Ile Pro Ala Val Cys Thr Lys Gly Pro Arg Gln Ala Met Ser
20 25 30

Ala Phe Arg Xaa Leu Xaa
35

<210> 7712
<211> 50
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7712
Thr Val Xaa Leu Lys Thr Gln Asn Cys Xaa Leu Pro Thr Asn Gln Ser
1 5 10 15

Phe Asp Leu Leu Arg Gln Ile Cys Phe Glu Ile Val Asn Ile Arg Gly
20 25 30

Asn Leu Val Thr Arg Phe Val Thr Arg His Leu Phe Ser Leu His Gly
35 40 45

Glu Lys
50

<210> 7713
<211> 23
<212> PRT
<213> Homo sapiens

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6864

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7713

Ala	His	Ala	Ser	Xaa	Ile	Phe	Lys	Asn	Leu	Ser	Met	Val	Xaa	Gly	Trp
1				5				10					15		

Xaa	Tyr	Thr	Asn	Xaa	Cys	Ile
			20			

<210> 7714

<211> 70

<212> PRT

<213> Homo sapiens

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6865

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (70)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7714
 Xaa Glu His His Ala Phe Pro Ser Leu Gln Xaa Xaa Thr Pro Ser Ala
 1 5 10 15
 Ala Phe His Leu Tyr Leu Xaa Ser Ile Ile Ile Ile Ile Ala Xaa
 20 25 30
 Val Ala Ser Val Thr Val Gly Met Glu Cys Leu Arg Leu Ala Xaa Trp
 35 40 45
 Val Gly His Thr Thr Leu Cys Xaa Val Asp Leu Leu Xaa Ser Ser Leu
 50 55 60
 Lys Leu Phe Tyr Xaa Xaa
 65 70

<210> 7715
 <211> 45
 <212> PRT
 <213> Homo sapiens

<220>
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6866

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7715

Phe	Leu	Ile	Met	Ser	Asn	Asp	Cys	Lys	Ser	Ala	Trp	Ile	Phe	Thr	Cys
1				5				10					15		

Lys	Gly	Tyr	Ser	Cys	Ile	Val	Arg	Ser	Pro	Ser	Pro	Ala	Glu	Ser	Ser
			20					25					30		

Xaa	His	Trp	Leu	Ala	Val	Cys	Cys	Val	Xaa	His	Ser	Phe
	35					40						45

<210> 7716

<211> 134

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6867

<222> (107)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7716

Leu	Ala	Arg	Gly	Asn	Pro	Gly	Ser	Arg	Xaa	Asn	Phe	Pro	Gly	Gly	Phe
1				5					10					15	

Xaa	Pro	His	Xaa	Gly	Pro	Ala	Cys	Lys	Ser	Trp	Ile	Gly	Gln	Pro	Gly
			20					25					30		

Leu	Pro	His	Phe	Pro	Gly	Xaa	Gln	Pro	Ser	Gln	Ile	Arg	Thr	Pro	Ile
		35					40					45			

Phe	Gly	Leu	Ala	Lys	Pro	Arg	Xaa	Pro	Lys	Leu	Arg	Ala	Leu	Gly	Ser
	50					55					60				

Ile	Arg	Val	Ala	Ser	Ser	Leu	Pro	Val	Pro	Asp	Leu	Ile	Leu	Arg	Gln
65					70					75					80

Arg	Leu	Leu	Gln	Asp	Pro	Val	Ala	Arg	Pro	Gln	Ala	Met	Ala	Gly	Pro
				85					90					95	

Phe	Ser	Arg	Leu	Cys	Pro	Pro	Pro	Gly	Leu	Xaa	Leu	Cys	Phe	Gly	Gly
			100					105					110		

Arg	Gly	Leu	Tyr	Arg	Gly	Phe	Val	Asp	Glu	Leu	Thr	Thr	Ala	Val	Thr
		115					120					125			

Thr	Glu	Val	Ile	Pro	Thr
130					

<210> 7717

<211> 41

<212> PRT

<213> Homo sapiens

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<220>

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<222> (3)

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<222> (19)

6868

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<220>

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7717

Leu	Xaa	Xaa	His	Cys	Ser	Glu	Leu	Thr	Cys	Val	Pro	Pro	Trp	Thr	Ile
1				5					10					15	

Asn	Gly	Xaa	Ile	Asn	Pro	Xaa	Lys	Tyr	Lys	Xaa	Pro	Pro	Arg	Glu	Gly
			20					25					30		

Leu	Arg	Gly	Xaa	Pro	Gly	Xaa	Leu	Ser
		35					40	

<210> 7718

<211> 28

<212> PRT

<213> Homo sapiens

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<222> (17)

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<220>

<221> SITE

6869

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7718

His	Gln	Trp	Lys	Gln	Leu	Ala	Ser	Leu	Leu	Arg	Xaa	Leu	Trp	Val	Arg
1				5					10				15		

Xaa	Xaa	Arg	Pro	Asn	Lys	Arg	Arg	Leu	Cys	Xaa	Cys
			20					25			

<210> 7719

<211> 53

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7719

Glu	Phe	Met	Leu	Lys	Trp	Ile	Tyr	Arg	Ile	Phe	Val	Asn	Leu	Phe	Leu
1				5					10				15		

Val	Phe	Val	Arg	Phe	Phe	Asn	Cys	Ser	Phe	Leu	Cys	Ala	Glu	Cys	Ile
			20					25					30		

Ser	Leu	Pro	Gly	Gln	Glu	Cys	Gly	Gly	Ala	Glu	Val	Ser	Ser	Phe	Xaa
		35					40					45			

Xaa	Thr	Phe	Xaa	Gln
				50

6870

<210> 7720

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<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7720

Glu	Pro	Leu	Thr	Lys	Asn	Pro	His	Cys	Pro	Cys	Xaa	Gly	Ala	Val	Val
1				5					10					15	

Val	Asn	Ser	Pro	Xaa	Gly	Leu	Asn	Glu	Gly	Val	Lys	Xaa	Tyr	Glu	Pro
			20					25					30		

Asp	His	Xaa	Ala	Ile
				35

<210> 7721

<211> 80

<212> PRT

<213> Homo sapiens

<400> 7721

Ile	Arg	His	Val	Arg	Leu	Asp	Ile	Ser	Asp	Leu	Ala	Leu	Arg	Lys	Ser
1				5					10					15	

Lys	Thr	Val	His	Ser	Gln	Val	Leu	Ser	Arg	Ser	Phe	Ala	Glu	Phe	Gln
			20					25					30		

Gly	Leu	Arg	Cys	Met	Ala	Ser	His	Gly	Arg	Trp	Tyr	Leu	Arg	Ala	His
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6871

35 40 45
Leu Arg Arg Gly Leu Ser Ala Gly Glu Gly Gly Ser Phe Ser Glu Glu
50 55 60
Pro Val Gly Thr Ala Ile Cys Gln Ala Leu Val Trp Ala Leu Gly Leu
65 70 75 80

<210> 7722
<211> 26
<212> PRT
<213> Homo sapiens

<400> 7722
Arg Thr Arg Gly Pro Leu Phe Pro Leu Gln Thr Asn Asn Ser Ser Val
1 5 10 15
Thr Phe His Leu Ile Pro Thr Pro Leu Met
20 25

<210> 7723
<211> 72
<212> PRT
<213> Homo sapiens

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6872

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<400> 7723
 Xaa Asn Pro Pro Pro His Arg Ala Ser Xaa Xaa Ile Lys Pro Gln Ala
 1 5 10 15
 Ser Gln Thr Ser Phe Lys Xaa Gly Glu Lys Arg Asp Val Val Val Asn
 20 25 30
 Arg Arg Phe Val Glu Xaa Gly Glu His Arg Gly Cys Xaa Ala Gly Arg
 35 40 45
 Ile Phe Ser Pro Arg Gly Xaa Ala Ala Leu His Xaa Pro Leu Xaa Arg
 50 55 60
 Gly Arg Asn Leu Ala Ile Ala Leu
 65 70

<210> 7724
 <211> 34
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 <213> Homo sapiens

<220>
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6873

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 <400> 7724
 Xaa Trp Pro Trp Pro Trp Thr Gly Leu Pro Trp Xaa Val Gly Asn Xaa
 1 5 10 15

 Lys Leu Gly Lys Xaa Gly Val Leu Ile Gly Trp Gly Xaa Pro Glu Asn
 20 25 30

 Ser Xaa

<210> 7725
 <211> 56
 <212> PRT
 <213> Homo sapiens

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6874

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<400> 7725
Ser Pro Pro Cys Ser Xaa Glu Ile Asp Ser Pro Xaa Arg Val Leu Gln
1 5 10 15
Gln Pro Thr Thr Gly Cys Ser Ala Val Ala Leu Gly His Arg Gly Ala
20 25 30
Ser Ser Pro Xaa Ser Lys Leu Ser Arg Glu Xaa Gly Lys Trp Gly Arg
35 40 45
Arg Val Xaa Xaa Xaa Val Glu Thr
50 55

<210> 7726
<211> 28
<212> PRT
<213> Homo sapiens

<220>
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6875

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7726

Xaa	Asp	Pro	Arg	Xaa	Pro	Leu	Ile	Asn	Gln	Thr	Leu	Asp	Phe	Pro	Glu
1				5				10						15	

Arg	Ser	Ser	Leu	Xaa	Xaa	Cys	Leu	Arg	Lys	Cys	Lys
			20					25			

<210> 7727

<211> 42

<212> PRT

<213> Homo sapiens

<400> 7727

Glu	Ala	Ile	Asp	Leu	Phe	Phe	Asn	His	Pro	Met	Arg	Lys	Glu	Gln	Thr
1				5					10					15	

Ile	Trp	Ser	Ile	Thr	Ile	Leu	Ser	Met	Gln	Met	Lys	Trp	Gln	Lys	Gln
			20					25					30		

Asn	Asn	Lys	Asn	Thr	Phe	Arg	Ser	Lys	Asn
		35					40		

<210> 7728

<211> 51

<212> PRT

<213> Homo sapiens

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6876

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7728
 Asn Ile Cys Leu Phe Ile Phe Arg Asp Val Pro Xaa Leu Lys Arg Arg
 1 5 10 15

 Leu Val Phe Ser Ser Xaa Leu Xaa Cys Ile Leu Phe Ile Tyr Glu Val
 20 25 30

 Ser Ser Glu Asn Cys Xaa Trp Tyr Phe Ser Ala Phe Val Ser Gln Xaa
 35 40 45

 Glu Xaa Ile
 50

 <210> 7729
 <211> 52
 <212> PRT
 <213> Homo sapiens

 <220>
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6877

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7729

Xaa	Xaa	Leu	Gly	Lys	Thr	Pro	His	Tyr	Arg	Leu	Lys	Leu	Val	Arg	Leu
1				5					10					15	

Gln	Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Val	Arg	Pro	Xaa
			20					25					30		

Val	Arg	Cys	Ala	Ser	Asp	Ser	Glu	Arg	Xaa	Pro	Xaa	Pro	Gly	Gln	Xaa
		35					40					45			

Gly	Pro	Gly	Ala
	50		

<210> 7730

<211> 25

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

6878

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<400> 7730
Ile Xaa Tyr Ser Gln Arg Val Thr Gln Gln Leu Cys Ser Pro Ala Phe
1 5 10 15

Leu Gln Xaa Xaa Tyr Xaa His Val Pro
20 25

<210> 7731
<211> 30
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (30)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7731

6879

Asn Phe Leu Met Glu Lys Asp Asn Val Tyr Phe Gly Arg Val Xaa Xaa
 1 5 10 15

Lys Arg Ile Phe Xaa Ile Ser Tyr Ile Ser Lys Phe Leu Xaa
 20 25 30

<210> 7732

<211> 30

<212> PRT

<213> Homo sapiens

<220>

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7732

Ser Val Asn Val Ile Phe Asn Asn Thr Tyr Ile Tyr Ser Gly Met Ser
 1 5 10 15

Gln Thr Ser Ala Thr Phe Gln Leu Xaa Ser Lys Gln Ala Pro
 20 25 30

<210> 7733

<211> 67

<212> PRT

<213> Homo sapiens

<400> 7733

Arg Lys Thr Asn Gly Val Thr Asp Gln Ser Ile Gln Ser Asn Asn Ser
 1 5 10 15

Ala Ser Lys Lys Leu Lys Gly Met Val Leu Ile Leu Gln Pro Phe Gln
 20 25 30

Gln Asn Leu Lys Val Glu Glu Gly Leu Ser Glu Lys Asp Leu Cys Val
 35 40 45

Trp Leu Leu Phe Asn Ala Lys Asn Pro Ser Glu Ile Pro Arg Thr Pro
 50 55 60

Thr Lys Leu
 65

<210> 7734

6880

<211> 18
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (9)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (17)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (18)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7734
 Arg Tyr Lys Ser Cys Leu Asn Arg Xaa Arg Arg Gly Ser Tyr Arg Gly
 1 5 10 15

Xaa Xaa

<210> 7735
 <211> 59
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (53)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7735
 Gly Phe Leu Val Leu Met Leu Val Lys Val Cys Ala Gly Ile Ser Lys
 1 5 10 15

Ser Leu Lys Lys Val Phe Thr Gly His Trp Ala Val Val Arg Glu Gly
 20 25 30

Leu Thr Asn Pro Trp Ile Pro Asp Asn Trp Ser Trp Gly Gly Val Ala
 35 40 45

Ser Glu His Cys Xaa Cys Tyr Arg Val Leu His
 50 55

6881

<210> 7736
 <211> 27
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (10)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (16)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (19)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7736
 Asn Xaa Asp Val Thr Val Leu Ala Ile Xaa Leu Gly Asn Val Tyr Xaa
 1 5 10 15

Phe Leu Xaa Tyr Leu Lys Cys Ile Ile Thr Lys
 20 25

<210> 7737
 <211> 145
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (72)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

6882

<220>
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 <222> (140)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (143)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (144)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7737
 Thr Gln Ser Cys Gln Ser Leu Tyr Pro Phe Ser Cys Pro Gly Ala Gln
 1 5 10 15
 Arg Glu Thr His Leu Pro Leu Ala Leu Pro Glu Trp Leu Leu Arg Thr
 20 25 30
 Pro Cys Pro Ala Gln Leu Ser Leu Gly Gly Asp Glu Glu Arg Gln Trp
 35 40 45
 Trp Ser Trp Gln Gln Asn Ala Gln Pro Leu Val Ala Gly Leu Asp Lys
 50 55 60
 Gly Lys Leu Asp Gln Glu Ala Xaa Ile Arg Asp Leu Pro Leu Pro Arg
 65 70 75 80
 Lys Ala Arg Leu Gln Leu Gln Ala Gly Ser His Pro Leu Leu Leu Ala
 85 90 95
 Leu Gly Lys Gly Thr Gln Arg Leu Ala Cys Pro Cys Leu Gly Gln Cys
 100 105 110
 Glu Val Leu Pro Tyr Pro His His Gly Val His Gly Leu Phe Ile Leu
 115 120 125
 Ala Gln Leu Thr Leu Tyr Thr Xaa Thr Val Leu Xaa Ala His Xaa Xaa
 130 135 140
 Leu
 145

<210> 7738
 <211> 22
 <212> PRT

6883

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7738

Glu	Arg	Ala	Ser	Leu	Val	Pro	Thr	Gly	Val	Ala	Xaa	Val	Ser	Ser	Thr
1				5				10				15			

Pro	Asp	Xaa	Xaa	Pro	Pro
			20		

<210> 7739

<211> 21

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7739

Gly	Trp	Xaa	Lys	Cys	Thr	Thr	Leu	Arg	Pro	Ala	Xaa	Gly	Ala	Val	Xaa
1				5				10				15			

Glu	Gly	Leu	Asp	Arg
-----	-----	-----	-----	-----

6884

20

<210> 7740
<211> 20
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (13)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (20)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7740
Asn Glu Leu Thr Phe Ile Lys Arg Tyr Arg Thr Cys Xaa Trp Ala Xaa
1 5 10 15
Trp Xaa Gly Xaa
20

<210> 7741
<211> 98
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (88)

6885

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7741

Cys Xaa Tyr Phe Gln Gly Val Leu Gly Asn Asn Ile Leu Gln Thr His
1 5 10 15

Leu Val Leu Phe Arg Ser Ile Ser Trp Lys Arg Pro Ala Ser Cys Cys
20 25 30

Leu Ser Met Asp Leu Asn Phe Tyr Phe Tyr Ser Leu Met Lys Thr Gln
35 40 45

Pro Phe Ser Ile Trp Gly Gln Ser Val Ser Leu Val Ser Val Cys His
50 55 60

Phe Met Ser Tyr Ala His Tyr Gln Gln Leu Thr Gln Arg Thr Asp Arg
65 70 75 80

Ile Leu Ala Val Ser Ala Leu Xaa Lys Glu Gln Phe Phe Met Ala Ile
85 90 95

Arg Ile

<210> 7742

<211> 83

<212> PRT

<213> Homo sapiens

<400> 7742

Gly Trp Trp Leu His Ser Arg Arg Pro Leu Thr Ala Ser Pro Thr Arg
1 5 10 15

Ser Arg Pro Leu Ala Arg Pro Ser Arg Phe Pro His Arg Leu Cys Ser
20 25 30

Pro Pro Pro Gln Thr Pro Ser Pro Leu Asp Ser His Ser Leu Phe His
35 40 45

Gly Ala Pro Arg Phe Arg Glu Pro Pro Arg Gly Thr Trp Ser Pro His
50 55 60

Pro Val Thr Thr Ser Cys Leu Arg Gly His Leu Ser Pro Ser His Leu
65 70 75 80

Ala Pro Gln

6886

<210> 7743

<211> 23

<212> PRT

<213> Homo sapiens

<400> 7743

Gly Arg Val Gly Trp Thr Leu Ser Leu Leu Cys Leu Ser Ala Leu Asn
1 5 10 15

Lys Asp Ser Pro Ala Leu Lys
20

<210> 7744

<211> 47

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7744

Xaa Lys Pro Gly Gly Ser Asp His His Phe Xaa Asn Asn Ser Arg Leu
1 5 10 15

Pro Pro Gln Pro Gln Gly Phe Gly Glu Met Trp Val Cys Trp Ser Leu
20 25 30

6887

Cys Arg Leu Xaa Pro Pro Xaa Leu Asp Leu Ala Xaa Pro Gln Ser
 35 40 45

<210> 7745

<211> 16

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7745

Tyr Xaa His Cys Phe Lys Ile Val Ile Phe Xaa Thr Gly Glu Lys Xaa
 1 5 10 15

<210> 7746

<211> 97

<212> PRT

<213> Homo sapiens

<400> 7746

Cys Gln Leu Leu Thr Val Ile Val Arg Lys Gly Thr Asp Thr Ile Phe
 1 5 10 15

Ala Leu Ile Gly Leu Ile Asp Ser Gly Asp Ala Thr Gly Arg Ala Trp
 20 25 30

Arg Gly Glu Asp Gly Met Cys Phe Leu Pro Thr Ile Ser Ile Arg Thr
 35 40 45

Pro Ile Arg Phe Cys Val Gln Leu Thr Phe Leu Asn Leu Ser Lys Tyr

6888

50 55 60
 Tyr Ala Met Glu Ala Lys Ala Pro Leu Pro Lys Gln Ile Ile Ser Phe
 65 70 75 80
 His Leu Cys Arg Asn Ser Gly Leu Leu Pro Phe Ile Val Lys Phe Gly
 85 90 95
 Arg

<210> 7747
 <211> 19
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (15)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (17)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7747
 Met Xaa Arg Thr Val Arg Ser Ser Val Ala Glu Gly Gly Gly Xaa Ser
 1 5 10 15

Xaa Pro Phe

<210> 7748
 <211> 48
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

6889

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (40)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (47)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7748
Gln Xaa Ile Phe Xaa Pro Ser Gly Leu Thr Ser Xaa Val Ser Val Cys
1 5 10 15

Gly Arg Arg Val Pro Leu Thr Ile Tyr Xaa Ala Leu Asp Cys Ser Arg
20 25 30

Arg Leu Leu Xaa Ile Val Asp Xaa Glu Glu Arg Gln Lys Glu Xaa Val
35 40 45

<210> 7749
<211> 59
<212> PRT
<213> Homo sapiens

6890

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7749

Cys	Leu	Leu	Phe	Arg	Ser	His	Phe	Asn	Glu	Arg	Ser	Phe	Val	Phe	Xaa
1				5					10					15	

Ile	Pro	Phe	Pro	Arg	Asn	Phe	Ser	Thr	Tyr	Lys	Asn	Asn	His	Phe	Lys
			20					25					30		

Leu	Gln	Lys	Pro	Arg	Thr	Tyr	Lys	Pro	Thr	Pro	Gln	Thr	Thr	Phe	Leu
		35					40					45			

Ile	Met	Thr	Ala	Phe	Arg	Asn	Val	Gly	Lys	Leu
	50					55				

<210> 7750

<211> 19

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7750

Leu	Ser	Ser	Met	Glu	Glu	Gln	Leu	Lys	Thr	Ile	Xaa	Trp	Leu	Leu	Leu
1				5					10					15	

Pro Xaa Gln

<210> 7751

<211> 18

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

6891

<222> (8)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (11)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (16)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7751
 Asp Asp Ala Trp Asp Phe Leu Xaa Pro Gln Xaa Ser Lys Asp Phe Xaa
 1 5 10 15

 Leu Leu

<210> 7752
 <211> 30
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (1)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (17)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (24)
 <223> Xaa equals any of the naturally occurring L-amino acids

6892

<400> 7752

Xaa Xaa Xaa Lys Gln Lys Gly Gly Phe Leu Phe Arg Ile Ile Ile Phe
 1 5 10 15

Xaa Leu Arg Ser Gly Asn Gly Xaa Glu His Ser Met Phe Val
 20 25 30

<210> 7753

<211> 21

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7753

Ala Ala Xaa Gln Val Gln Thr Asp Arg Lys Met Thr Met Thr Xaa Arg
 1 5 10 15

Xaa Gln Xaa Cys Xaa
 20

<210> 7754

<211> 69

6893

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7754

Pro	Ile	Ile	Cys	Leu	Gly	Phe	Phe	Ser	Pro	Val	Pro	Asp	Ser	Thr	Ser
1				5					10					15	

Ser	Ala	Thr	Asn	Val	Ser	Met	Val	Val	Ser	Ala	Gly	Pro	Trp	Ser	Ser
			20					25					30		

Glu	Lys	Ala	Glu	Met	Asn	Ile	Leu	Glu	Ile	Asn	Glu	Lys	Leu	Arg	Pro
		35					40					45			

Gln	Leu	Ala	Glu	Asn	Lys	Gln	Xaa	Phe	Xaa	Asn	Leu	Lys	Glu	Arg	Xaa
	50					55					60				

Phe	Leu	Thr	Xaa	Leu
	65			

<210> 7755

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

6894

<220>
<221> SITE
<222> (11)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7755
Ser Gly Leu Ile Ser Xaa Thr Lys Leu Arg Xaa Asp Thr Met Ser Leu
1 5 10 15

Xaa

<210> 7756
<211> 35
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (29)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7756
His His Leu Pro Pro Phe Asp Phe Leu Met Leu Tyr Asn Phe Arg Leu
1 5 10 15

Lys Gly Gly Asp Xaa Val Met Xaa Ser Pro Pro Asn Xaa Ala Ser Gly
20 25 30

6895

Arg Ser Xaa
35

<210> 7757
<211> 65
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (62)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (64)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7757
Leu Ser Tyr Val Val Glu Thr Lys Lys Phe Thr Phe Ser Cys Asp His
1 5 10 15

Ser Arg Pro His Xaa Ile Arg Val Asn Leu Leu Ser Arg Leu Thr Lys
20 25 30

His Tyr Xaa Leu Met Lys Ile Leu His Glu Asp Tyr Lys Ser Ile Phe
35 40 45

Cys Ser Tyr Ser Ala His Leu Leu Xaa Glu Asn Leu Phe Xaa Ser Xaa
50 55 60

Ile
65

6896

<210> 7758

<211> 48

<212> PRT

<213> Homo sapiens

<400> 7758

Cys	Gln	Ser	Trp	Leu	Pro	Asp	Gln	Gly	Val	Ala	Val	Gly	Met	Cys	Arg
1				5				10					15		

Gly	Ser	His	Thr	Cys	Lys	Lys	His	Leu	Gly	Ser	Phe	Leu	Thr	Trp	Leu
			20					25					30		

Gly	Cys	Ser	Gly	Gln	Val	Met	Ser	Pro	Leu	Ala	Leu	Gly	Ser	Leu	Cys
		35					40					45			

<210> 7759

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7759

Tyr	Glu	Ala	Gln	Arg	Ile	Gly	Pro	Gly	Asn	Cys	Leu	Thr	Lys	Thr	Gln
1				5				10					15		

Gly	Cys	Ala	Asn	Ser	Arg	Asp	Asp	Val	Tyr	Ser	Leu	Thr	Pro	Ala	Arg
			20					25					30		

Cys	Arg	Lys	Val	Xaa	Arg	Arg	Val	Gln	Thr	Ser	Val	Xaa	Gly	Leu	Asn
		35					40					45			

6897

<210> 7760

<211> 22

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7760

Val	Xaa	Ile	Ala	Ser	Gly	Arg	Ser	Arg	Gly	Ser	Xaa	Leu	Thr	Tyr	Xaa
1				5					10					15	

Val	His	Ala	Thr	Xaa	Ile
			20		

<210> 7761

<211> 25

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7761

6898

Ser Ile Phe Lys Leu Met Cys Phe Lys Ile Tyr Phe Lys Val Leu Gln
1 5 10 15

Pro Xaa His Xaa His Ala Leu Thr Arg
20 25

<210> 7762

<211> 22

<212> PRT

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<400> 7762

Arg Asn Lys Cys Phe Leu Ile Gln Thr Ala Ser Gln Xaa Glu His Leu
1 5 10 15

Xaa Xaa Asp Xaa Ile Ile
20

<210> 7763

<211> 54

<212> PRT

<213> Homo sapiens

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6899

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<400> 7763
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 1 5 10 15
 Leu Ile Thr Ala Ile Leu Ala Val Ala Val Gly Phe Pro Val Ser Gln
 20 25 30
 Asp Gln Xaa Arg Glu Lys Arg Ser Ile Xaa Asp Ser Xaa Glu Leu Xaa
 35 40 45
 Ser Xaa Phe Phe Val Phe
 50

<210> 7764
 <211> 48
 <212> PRT
 <213> Homo sapiens

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6900

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<400> 7764
Glu Pro Xaa Gly Pro Leu Xaa Ile Pro Xaa Xaa Tyr Gly Lys Leu Val
1 5 10 15
Arg Leu Gln Val Pro Val Arg Asn Tyr Arg Val Asp Pro Xaa Val Arg
20 25 30
Ala Asp Xaa Ala Leu Xaa Ser Ser Glu Ala Leu Gly Ala Leu Ser Phe
35 40 45

<210> 7765
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<400> 7765

6901

Arg Ser Ser Ser Ile Tyr Thr Leu Lys Arg Val Pro Ser Leu Val Gln
 1 5 10 15

Leu Phe Ile His Pro Phe Phe Phe Tyr Trp Phe Ser Ser Gly Gly Lys
 20 25 30

Trp Xaa Phe
 35

<210> 7766

<211> 44

<212> PRT

<213> Homo sapiens

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<400> 7766
 Xaa Pro Xaa Ala Val Tyr Xaa Xaa Ser Gly Ser Ser Xaa His Xaa Leu
 1 5 10 15
 Phe Xaa Thr Thr Asp Tyr Val Thr Val Thr Glu Asp Lys Met Asp Leu
 20 25 30
 Xaa Ile Ile Ser His Xaa Val Asn Val Xaa Pro Phe
 35 40

<210> 7767
 <211> 54
 <212> PRT
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<400> 7767
 Lys Asn Asp His Glu Ala Lys Thr Thr Ile Phe Phe Cys Leu Xaa Ile
 1 5 10 15
 Gly Lys Glu Phe Xaa Gly Pro Ser Cys His His Asn Ala Met Lys Gln
 20 25 30
 Lys Ile Ser Lys Trp Ile Ala Ile Asn Gln Phe Leu Lys Ile Arg Gln
 35 40 45

6903

Lys Lys Thr Leu Ser Leu
50

<210> 7768

<211> 19

<212> PRT

<213> Homo sapiens

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<400> 7768

Val	Asp	Ala	Leu	Val	Xaa	Pro	Gln	Asp	His	Ala	Val	Xaa	Glu	Xaa	Ala
1				5				10					15		

Leu Arg Ala

<210> 7769

<211> 69

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7769

6904

Asp Leu Ala Leu Arg Leu Leu Ser Thr Pro Pro Val Leu Pro Glu Lys
 1 5 10 15

Gly Gln Met Phe Pro Glu Gln Lys Thr Ser Pro Leu Leu Cys Leu Thr
 20 25 30

Trp Ser Pro Ile His Ala Leu Phe Leu Xaa Ser Val Tyr Ser Leu Ser
 35 40 45

Leu Gly Leu Glu Glu Pro Xaa Met Trp Pro Leu Ala Lys Leu Asp Asn
 50 55 60

Val Gln Thr His Ser
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<210> 7770

<211> 37

<212> PRT

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<400> 7770

Met Leu Val Thr Leu Ile His Cys Ile Met Val Ile Phe His Leu Ile
 1 5 10 15

6905

Tyr Leu Glu Xaa Val Val Xaa Arg Ile Gly Val His Xaa His Gly Thr
 20 25 30

Cys Ile Glu Xaa Xaa
 35

<210> 7771

<211> 24

<212> PRT

<213> Homo sapiens

<220>

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<400> 7771

His His Arg Ile Xaa Glu Leu Phe Lys Met Lys Phe Asn Pro Phe Xaa
 1 5 10 15

Thr Phe Arg Pro Glu Ala Arg Xaa
 20

<210> 7772

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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 Leu Phe Val Xaa Xaa Gly Trp Val Ser Pro Arg Arg Leu Xaa Trp Gly
 1 5 10 15
 Gly Ala Ala Cys Phe Trp Ala Xaa Xaa Gly Ala Pro Ser Pro Gly Ser
 20 25 30
 Lys Pro Ser Phe Xaa Lys Xaa Pro Gly Arg Asp Leu Leu Gln Arg Ala
 35 40 45
 Xaa Gly Lys Xaa Glu Arg Glu Lys Ala Pro
 50 55

6907

<210> 7773

<211> 65

<212> PRT

<213> Homo sapiens

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<400> 7773

Val	Ser	Asn	Trp	Xaa	Leu	Leu	Thr	Leu	Xaa	Val	Pro	Asp	Cys	Cys	Ser
1				5					10					15	

Phe	Thr	Asp	Leu	Ile	Gln	Val	Thr	Arg	Ser	Phe	Ile	Gly	Leu	Asn	Gln
			20					25					30		

Xaa	Pro	Cys	Ser	Gln	Val	Thr	Asp	Leu	Pro	Ile	Val	Pro	Xaa	Ile	Leu
		35						40					45		

Phe	Asn	Leu	Asn	Glu	Arg	Glu	Phe	Ala	Leu	Asn	Gly	Lys	Val	Pro	Xaa
	50					55					60				

Phe

65

<210> 7774

<211> 57

<212> PRT

6908

<213> Homo sapiens

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<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7774

Gln	Cys	Asn	Leu	Gln	Phe	Pro	Xaa	Lys	Xaa	Lys	Lys	Val	Asn	Leu	Ala
1				5					10					15	

Ala	Ile	Glu	Tyr	Thr	Met	Cys	Ile	Tyr	Asn	Ser	Tyr	Phe	Ile	Tyr	Xaa
		20						25					30		

Ser	Ile	Asn	Ile	Phe	Lys	Leu	Asn	Val	Leu	His	Ser	Gln	Val	Val	Gly
		35					40					45			

Ser	Leu	Val	Ile	Lys	Val	Cys	Val	Ile
	50				55			

<210> 7775

<211> 135

<212> PRT

<213> Homo sapiens

<400> 7775

Val	Met	Ile	Thr	Glu	Thr	Ala	Ala	Glu	Pro	Thr	Val	Pro	Ala	Val	Pro
1				5					10					15	

Ala	Ala	Glu	Glu	Ala	Thr	Glu	Ala	Arg	Gly	Arg	Glu	Glu	Pro	Ala	Trp
		20						25					30		

Pro	Trp	Lys	Asp	Ala	Pro	Ile	Arg	Thr	Leu	Val	Gln	Arg	Ile	His	Gln
		35					40					45			

Leu	Gln	Ala	Glu	Arg	Ala	Gln	Gly	Phe	Arg	Arg	Leu	Glu	Glu	Gly	His
	50					55					60				

Arg	Gln	Tyr	Leu	Arg	Ser	Gly	Pro	Asp	Tyr	Asp	Phe	Ala	Arg	Tyr	Arg
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6909

65		70		75		80
Ser Thr Val His Gly Val Thr Gln Ala Phe Ala Ala Ala Ser Arg Glu						
	85		90		95	
Val Leu Ala Val Glu Ala Glu Leu Gly Gly Pro Arg Arg Gln Pro Leu						
	100		105		110	
Leu Ala Gly His Val Arg Ser Cys Arg Ile Trp Ser Arg Arg Gly Trp						
	115		120		125	
Ala Arg Trp Pro Cys Cys Ser						
	130		135			

<210> 7776

<211> 28

<212> PRT

<213> Homo sapiens

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<400> 7776

Leu Asp Phe Arg Arg Leu Ile Pro Gly Xaa Leu Ser Gly Gly Asp Arg
1 5 10 15

Gly Gly Glu Xaa Xaa Pro Gly Ala Asp Pro Glu Cys
20 25

<210> 7777

<211> 17

<212> PRT

<213> Homo sapiens

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<400> 7777
 Xaa Thr Arg Xaa Ser Leu Val Ser Phe Lys Lys Tyr His Pro Thr Lys
 1 5 10 15

Xaa

<210> 7778
 <211> 27
 <212> PRT
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<400> 7778
 Tyr Arg Val Pro Asp Met Lys Ala Phe Ala Leu Leu Ile Arg Xaa Gly
 1 5 10 15

Xaa Xaa Ser Arg Thr Gly Ile His Leu Arg Val
 20 25

6911

<210> 7779

<211> 53

<212> PRT

<213> Homo sapiens

<400> 7779

Gly Arg Val Gly Pro Cys Arg Asp Lys Ala Ala Gly Pro Glu Leu Asp
1 5 10 15

Ser Val Ser Ser Trp Gly Arg Thr Gly Thr Gln Gly Val Met Pro His
20 25 30

Pro Pro Ser Arg Ala Gly Ala Ser Thr Ser Gln Phe Val Gln Ile His
35 40 45

Pro Pro Phe Lys Lys
50

<210> 7780

<211> 69

<212> PRT

<213> Homo sapiens

<400> 7780

Glu Arg Leu Glu Ser Asn Gly Trp Lys Gly Gly Phe Ser Val Met Asp
1 5 10 15

Thr Phe Phe Phe Ser Glu Ala Asn Pro Arg His Cys Glu Arg Asn Gly
20 25 30

Phe Ser Tyr Glu Asp Phe Lys Phe Ser Gln Leu Phe Ser Gln Val Leu
35 40 45

Gly Met Ser Phe Ala Leu Thr Leu Asn Cys Gln Ile Asp Lys Thr Ser
50 55 60

Gln Thr Ile Gly Leu
65

<210> 7781

<211> 19

<212> PRT

<213> Homo sapiens

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6912

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<400> 7781
Pro Xaa Arg Pro Asp Gly Asp Gly Gly Gly Asp His Xaa Xaa Ala Glu
1 5 10 15
Pro Leu Gln

<210> 7782
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<212> PRT
<213> Homo sapiens

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6913

<400> 7782

Pro Trp Ala Ser Pro Leu Pro Pro His Pro Leu Thr Pro Gly Lys Pro
1 5 10 15
Thr Ala Pro Pro Val Pro Gln Leu Thr Asp Pro Arg Gln Ala His Cys
20 25 30
Pro Xaa Ile Pro Ser Pro Arg Val Ser Pro Leu Pro Leu Pro Pro Xaa
35 40 45
Thr Asp Pro Gly Gln Ala Glu Tyr Ser Xaa Trp Thr Xaa Gly Lys Asp
50 55 60
Xaa Gly Thr Thr Trp Thr Pro
65 70

<210> 7783

<211> 54

<212> PRT

<213> Homo sapiens

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6914

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<400> 7783

Ala	Xaa	Thr	His	Xaa	Cys	Thr	Gly	Pro	Ala	Phe	Pro	Gly	Arg	Pro	Thr
1				5					10					15	

Arg	Pro	Gln	Pro	Pro	Phe	His	Pro	Pro	Asn	Ile	Ala	Leu	Arg	Leu	Arg
		20						25					30		

Xaa	Thr	Xaa	Xaa	Xaa	Asn	Gln	Thr	Phe	Val	Gln	Gly	Val	Asn	Thr	Asp
		35					40						45		

Ser	Cys	Leu	Leu	Tyr	Cys
		50			

<210> 7784

<211> 32

<212> PRT

<213> Homo sapiens

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<220>

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<400> 7784

Asp	Leu	Tyr	Pro	Trp	Pro	Phe	Phe	Phe	Phe	Phe	Phe	Pro	Gly	Xaa	Leu
1				5					10					15	

Xaa	His	Cys	Ser	Phe	Xaa	Leu	Tyr	Phe	Leu	Pro	Tyr	Xaa	Asn	Gln	Arg
			20					25					30		

6915

<210> 7785

<211> 75

<212> PRT

<213> Homo sapiens

<400> 7785

Gly Pro Leu Val Arg Leu Gln Val Pro Val Arg Asn Ser Arg Val Asp
 1 5 10 15
 Pro Arg Val Arg Lys Lys Gly Tyr Cys Ile Phe Lys Asn Arg Lys Leu
 20 25 30
 Asn Pro Ser Cys Glu Lys Pro Val Val Leu Cys Ala Trp Cys Cys Ala
 35 40 45
 Glu Pro Gly Ala Val Val Leu Cys Trp Asp Phe Leu Asp Ser Trp Ala
 50 55 60
 Gly His Ile Leu Gln Glu Leu Ser Arg Pro Val
 65 70 75

<210> 7786

<211> 89

<212> PRT

<213> Homo sapiens

<220>

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<222> (61)

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<400> 7786

Gly Lys Leu Val Arg Leu Gln Val Pro Val Arg Asn Ser Arg Val Val
 1 5 10 15
 Leu Cys Leu Glu Ala Asn Leu Gly Pro Ser Ser Val Glu Pro Phe Ser
 20 25 30
 Ala Val Tyr Pro Ser Lys Cys Leu Ala Phe Gln Ile Ile Val Ser Leu
 35 40 45
 Met Cys Val Arg Arg Gly Gly Ser Gly Trp Arg Arg Xaa Pro Asn Thr
 50 55 60
 Ser Leu Pro Cys Gln His Leu Pro Pro Arg Leu Gly Lys Asn Gln Asn

6916

65 70 75 80

Asn Lys Asp Asn Ala Ile Ser Cys Ser
85

<210> 7787

<211> 83

<212> PRT

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<222> (83)

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<400> 7787

Ile Leu Cys Phe Asn Ser Trp Asn Pro Ser Val Cys Leu Gly Gly Ser
1 5 10 15

Leu Leu Ile Lys Tyr Ser Arg Pro Thr Thr Ile Ala Ala Phe Leu Ile
20 25 30

Pro Pro Leu Leu Lys Leu Leu Leu Arg Leu Thr Xaa Val Ser Ser Leu
35 40 45

Pro Leu Ile Glu Thr Leu Glu Phe Ser Gly Pro Leu Xaa Leu Pro Ile
50 55 60

Ser Cys Ser Lys Ser Cys Asn Tyr Trp Asp Gly Lys Val Thr Asn Ser
65 70 75 80

Asp His Xaa

<210> 7788

<211> 62

<212> PRT

6917

<213> Homo sapiens

<400> 7788

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Lys Ile Phe Glu Lys Ile Pro Gly Ile Gln Arg Gln Pro Lys Ala Asn
 1             5             10             15

Leu Gly Ile Pro Ser Tyr Phe Thr Val Gln Lys Ile Ser Pro Ile Ser
          20             25             30

Lys Asp Asn Thr Gly Asn Asp Lys Ile Tyr Val Phe Glu Arg Ile Val
          35             40             45

Met Phe Leu Ala Ser Thr Leu Ile Lys Gly Arg Cys Ser Leu
 50             55             60

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<210> 7789

<211> 34

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7789

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His Trp Ser Leu Cys Cys Ala Ser Gly Thr Ala Gln Leu Xaa Gly Xaa
 1             5             10             15

Ala Gln Ala Thr Lys Xaa Arg Lys Gln Leu Arg Phe Xaa Pro Ile Met
          20             25             30

Asn Gln

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6918

<210> 7790

<211> 139

<212> PRT

<213> Homo sapiens

<400> 7790

Pro Ala Ala Leu Gly Gly Gly Val Val Ala Val Ala Val Cys Glu Pro
 1 5 10 15

Val Ala Arg Leu Leu Trp Ala Gly Thr Leu Lys Val Ser Asn Ser Arg
 20 25 30

Trp Leu Met Arg Ser Tyr Lys Arg Val Arg Phe Ala Gly Ala Arg Leu
 35 40 45

Arg Val Ser Val Leu Tyr Cys Phe Ser Arg Arg Pro Ser Ala Pro Arg
 50 55 60

Leu Pro His Val Gln Ala Glu Arg Arg Val Gly Arg Ser Arg Arg Arg
 65 70 75 80

Arg Ser Arg Gly Gly Ala Gly Gly Gly Glu Ala Ala Pro Ala Arg Asn
 85 90 95

Ala Gly Ser Trp Gly Ser Pro His Val Ala Gly Ala Gln Ala Val Pro
 100 105 110

Arg Leu Leu Arg Asp Gly Thr Val Ala Ala Leu Ile Pro Ile Ala Ser
 115 120 125

Phe Phe Phe Phe Phe Phe Thr Ser Thr Ala Phe
 130 135

<210> 7791

<211> 40

<212> PRT

<213> Homo sapiens

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6919

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7791

Ser	Ser	Leu	Gly	Ser	Arg	Gly	Ala	Glu	Arg	Ser	Ile	Asp	Asp	Ile	Gly
1				5					10					15	

His	Leu	Ile	His	Glu	Xaa	Leu	Gln	Asn	Leu	Leu	Ser	Leu	Gln	Pro	Xaa
			20					25					30		

Ser	Asn	Xaa	Ile	Val	Leu	Lys	Phe
		35				40	

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7792

Gly	Lys	Thr	Gln	Xaa	Val	Ser	Asp	Ser	Leu	Ile	Phe	Ile	Xaa	Val	Xaa
1				5					10				15		

Xaa	Lys	Trp	Val	Phe	Leu
			20		

6920

<210> 7793

<211> 69

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7793

Lys Thr Ser Xaa Xaa Xaa Xaa Xaa Leu Ser Leu Lys Leu Val Arg Leu
1 5 10 15

Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Pro Arg
20 25 30

Val Arg Cys Ser Asn Arg His Ile Lys Glu Val Leu Trp Met Glu Ala
35 40 45

Gln Arg Lys Lys Arg Leu Ile Val Ser Lys Asn Leu Glu Gly Met Lys
50 55 60

Met Lys Ile Glu Ile
65

6921

<210> 7794
 <211> 61
 <212> PRT
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 <400> 7794
 Ser Ile Cys Leu Trp Ser Lys Gln Leu Ala Ser Phe Met Cys Gly Leu
 1 5 10 15
 .
 Leu Thr Lys Leu Pro Met Leu Val Ser Phe Leu His Tyr Asp Val Tyr
 20 25 30

 Ser Leu Leu Lys Leu Leu Leu Leu Ser Val Leu Leu Ser His Cys Ser
 35 40 45

 Ala Cys Ser Ser Ser Ala Xaa Xaa Ser Asp Xaa Xaa Pro
 50 55 60

<210> 7795
 <211> 62
 <212> PRT
 <213> Homo sapiens

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<400> 7795
 Gly Gly Gly Lys Lys Ala Leu Gly Val Lys Arg Xaa Leu Gly Xaa Arg
 1 5 10 15
 Val Asn Pro Gly Gly Ser Pro Gly Xaa Asn Phe Ser Pro Arg Gly Gly
 20 25 30
 Ser Gly Lys Pro Pro Asn Gly Arg Xaa Pro Xaa Trp Gly Ala Leu Thr
 35 40 45
 Leu Thr Gly Asn Gly Gly Arg Lys Trp Lys Ser Phe Xaa Arg
 50 55 60

<210> 7796
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<400> 7796
Pro Xaa Xaa Arg Thr Ile Pro Ser Ile Pro Val Val Pro Glu Leu Pro
1 5 10 15
Cys Pro Lys Ala Cys Ala Arg Phe Thr Pro Xaa Xaa Ala Xaa Leu Xaa
20 25 30
Pro Glu Asn Ser Glu Asp Met Asn Ser Arg Gln Ala Trp Xaa Leu Leu
35 40 45
Leu Ser Gln Gly Arg Gly
50

<210> 7797
<211> 51
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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7797

Xaa	Phe	Pro	Gly	Arg	Pro	Ile	Xaa	Leu	Pro	Pro	Leu	Ser	Cys	Pro	Glu
1				5				10					15		

Glu	Ala	Thr	Pro	Cys	Leu	Xaa	Arg	Gly	Pro	Gly	Asn	Xaa	Cys	Gly	Pro
			20					25				30			

Glu	Glu	Trp	Arg	Gly	Cys	Gly	Met	Asn	Thr	Met	Thr	Ala	Xaa	Ile	Arg
		35					40					45			

Leu	Xaa	Pro
		50

<210> 7798

<211> 88

<212> PRT

<213> Homo sapiens

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6925

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6926

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<400> 7798
 Leu Ala Pro Trp Asp Xaa Trp Val Gly Gln Val Ile Leu Leu Xaa Ser
 1 5 10 15
 Gly Ser Arg Xaa Xaa Xaa Gly Asp Xaa Asp Asp Arg Asp Lys Ile Thr
 20 25 30
 Xaa Glu Lys Ile Gln Glu Leu Xaa Gly Glu Gly Xaa Gly Leu Thr Lys
 35 40 45
 Leu Ser Leu Pro Xaa Lys Gly Glu Leu Glu Ala Thr Asp Val Gly Thr
 50 55 60
 Ala Xaa Cys Phe Pro Asp Asp Glu Thr Gly Ala Val Met Leu Arg Ala
 65 70 75 80
 Pro Ser Ser Gly Xaa Cys Thr Xaa
 85

<210> 7799
 <211> 18
 <212> PRT
 <213> Homo sapiens

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 <222> (14)
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6927

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<220>
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<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7799
Ala Ile Ser Arg Ile Ala Ser Gly Arg Pro Xaa Gly Xaa Xaa Phe Xaa
1 5 10 15

Gly Xaa

<210> 7800
<211> 53
<212> PRT
<213> Homo sapiens

<220>
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6928

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7800

Lys	Phe	Thr	Lys	Cys	Leu	Val	Gln	Leu	Asn	Ile	Leu	Leu	Xaa	Lys	Xaa
1				5				10						15	

Cys	Val	Ala	Lys	Ile	Phe	Tyr	Xaa	His	Tyr	Leu	Asn	Asn	Leu	Xaa	Gly
			20					25					30		

Lys	Asn	Val	Trp	Ser	Ser	Xaa	Xaa	Pro	Leu	Leu	Phe	Leu	Ser	Ser	Tyr
		35					40						45		

Phe	Gln	Xaa	Val	Lys
				50

<210> 7801

<211> 15

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

6929

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7801

Trp	Ile	Glu	Leu	Ser	Gly	Trp	Xaa	Xaa	Ala	Xaa	His	Gly	Xaa	Xaa
1				5					10					15

<210> 7802

<211> 30

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7802

Gly	Lys	Pro	Pro	Ile	Phe	Gly	Leu	Lys	Xaa	Pro	His	Phe	Thr	Leu	Ile
1				5					10					15	

Ser	Val	Val	Lys	Xaa	Pro	Gly	Ala	His	Arg	His	Xaa	Xaa	Arg
			20					25					30

<210> 7803

<211> 45

<212> PRT

<213> Homo sapiens

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6930

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 <223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7803
 Xaa Trp Val Ser Xaa Ser Arg Xaa Arg Glu Glu Asp Gly Leu His Thr
 1 5 10 15
 Xaa Cys Pro Pro Ala Pro Ser Pro Ala Ser Leu Xaa Pro Xaa Xaa Xaa
 20 25 30
 Arg Trp Pro Lys Glu Cys Lys Tyr Leu Met Lys Tyr Val
 35 40 45

<210> 7804
 <211> 30
 <212> PRT

6931

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7804

Asn	Val	Asn	Lys	Trp	Arg	Glu	Lys	Gly	Leu	Xaa	Asp	Lys	Pro	Asp	Thr
1				5					10					15	

Trp	Xaa	Xaa	Gly	Ile	Thr	Pro	Gly	Gly	Thr	Arg	Gly	Lys	Met
			20					25					30

<210> 7805

<211> 16

<212> PRT

<213> Homo sapiens

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<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7805

Val	Ala	Ile	Ala	Cys	Val	Val	Gly	Val	Xaa	Xaa	Phe	Cys	Leu	Xaa	Lys
1				5					10					15	

6932

<210> 7806
<211> 84
<212> PRT
<213> Homo sapiens

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6933

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7806

Ala	Xaa	Ile	Ala	Pro	Pro	Arg	Gly	Ala	Pro	Pro	Leu	Ala	Xaa	Gly	Ala
1				5					10					15	

Arg	Val	Ser	Val	Thr	Leu	Cys	Thr	Pro	Leu	Thr	Val	Val	Arg	Xaa	Lys
			20					25					30		

Val	Pro	Pro	Gly	Arg	Pro	Xaa	Ala	Xaa	Ala	Xaa	His	Arg	Ala	Ser	Val
			35				40					45			

Leu	Gln	Cys	Asn	Asn	Trp	Thr	Arg	Pro	Cys	Arg	Ser	Ser	Arg	Phe	Leu
	50					55					60				

Xaa	Leu	Ala	Pro	Arg	Leu	Ser	Xaa	Phe	Ala	His	Lys	Xaa	Glu	Glu	Leu
65					70					75					80

Ala Xaa Gly Gly

<210> 7807

<211> 18

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

6934

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7807

Gly	Gly	Xaa	Ser	Leu	Gly	Ser	Xaa	Xaa	Ser	Thr	Ala	Xaa	Gly	Pro	Gly
1				5					10					15	

Met Asp

<210> 7808

<211> 52

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7808

Trp	Thr	Cys	Phe	Leu	His	Ser	Ser	Thr	Val	Trp	Lys	Arg	Trp	Leu	Thr
1				5					10					15	

Ala	Ala	Trp	Leu	Ser	Glu	Phe	Gln	Arg	Asn	Gly	Leu	Leu	Leu	Asn	Ile
			20					25					30		

Gln	Val	Leu	Leu	His	Thr	Arg	Glu	His	Thr	Leu	Ser	Leu	Pro	Leu	Xaa
		35					40					45			

Val	Gly	Val	Ser
	50		

<210> 7809

<211> 64

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

6935

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<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7809

Ile	Leu	Met	Leu	Thr	Arg	Gly	Glu	Asn	Lys	Thr	Gln	Val	Phe	Ser	Ile
1				5					10					15	

Tyr	Ala	Ala	His	Pro	Lys	Leu	Pro	Gln	Met	Ile	Leu	Pro	Ser	Asp	Asn
			20					25					30		

Phe	Ile	Tyr	Lys	Leu	Gly	Lys	Ile	Trp	Cys	Gly	Pro	Phe	Arg	Pro	Xaa
		35					40					45			

Met	Pro	Xaa	Xaa	Thr	Pro	Ser	Cys	Ser	Asn	Asp	Gln	Asn	Met	Leu	Glu
	50					55					60				

<210> 7810

<211> 166

<212> PRT

<213> Homo sapiens

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<222> (162)

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<220>

<221> SITE

<222> (163)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7810

Gly	Ala	Gly	Leu	Arg	Ala	Trp	Gln	Arg	Leu	Asp	His	Gly	Val	Pro	Ala
1				5					10					15	

Pro	Gly	Leu	Ala	Arg	Val	Gln	Ser	Gln	Leu	Gln	Ala	Val	Asn	Thr	Val
			20					25					30		

Ser	Ala	Arg	Val	Leu	Leu	Gly	Ser	Ala	Ala	Pro	Arg	Pro	Pro	Pro	Ala
		35					40				45				

Ser	Leu	Leu	Gly	Ala	Ala	Pro	Cys	Trp	Gln	Pro	Ala	Pro	Pro	Ser	Pro
	50					55					60				

6936

Pro Ser Leu Gly Trp Leu Gly Leu Leu Ala Tyr Ser Thr Leu Leu Arg
 65 70 75 80
 Ser Arg Ser Arg Ser Ala Ala Leu Asp Ala Arg Ser Leu Leu Phe Leu
 85 90 95
 Lys Cys Leu Phe Val Pro Pro His Leu Phe Pro Val Ile Ile Tyr Ser
 100 105 110
 Leu Gly Pro Arg Pro Pro Thr His Thr Phe Met Asn Pro His Phe Phe
 115 120 125
 Phe Pro Ser Pro Phe Pro Ser Pro Pro Gln Gly Ala Ser Ser Phe Ser
 130 135 140
 Gln Ser Ile Cys Pro Leu Ile Trp Pro Leu Leu Ser Leu Ser Pro His
 145 150 155 160
 Gly Xaa Xaa Phe Thr Arg
 165

<210> 7811
 <211> 42
 <212> PRT
 <213> Homo sapiens

<400> 7811
 Arg Gly Tyr Cys Glu Ala Thr Ala Lys Met Leu Ile Gln Lys Ile Arg
 1 5 10 15
 Ser Asn Thr Tyr Ser Phe Ile Asp Tyr Met Arg Ile Ala Gln Gly Leu
 20 25 30
 Val Lys Leu Trp Gln Thr Arg Asp Ile Glu
 35 40

<210> 7812
 <211> 39
 <212> PRT
 <213> Homo sapiens

<400> 7812
 Glu Asp Leu Arg Lys Lys Thr Phe Arg Phe Pro Leu Lys Asn Arg Thr
 1 5 10 15
 Gln Asn Trp Leu Val Asn Val Phe Arg Met Met Asn Lys Ser Leu Ile

6937

20

25

30

Asn Ser Val Thr Tyr Val Phe
35

<210> 7813

<211> 77

<212> PRT

<213> Homo sapiens

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<222> (71)

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<400> 7813

Lys Leu Ala Ile Ser Glu Gly Glu Glu Gly Gly Gln Gly Glu Gly Ala
1 5 10 15

Gly Met Ala Ala Gly Ser Gln Ala Val Ser Gly Ala Gly Ala Gln Glu
20 25 30

Ala His Arg Arg Ala Ser Trp Lys Glu Trp Thr Val Ser Glu Ala Arg
35 40 45

Gly Lys Arg His Leu Leu Glu Leu Val Thr Pro Ala Trp Cys Pro Pro
50 55 60

Lys Pro Glu Tyr Glu Ala Xaa Arg Met Gln Val Ser Ser
65 70 75

<210> 7814

<211> 58

<212> PRT

<213> Homo sapiens

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6938

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (51)

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<400> 7814

Asn	Xaa	Tyr	Gly	Trp	Lys	Phe	Lys	Leu	Arg	Ala	Xaa	Cys	Cys	Tyr	Leu
1				5					10					15	

Gln	Arg	Glu	Thr	Xaa	Val	Met	Arg	Met	Xaa	Lys	Ile	Xaa	Xaa	Leu	Arg
		20					25						30		

Ile	Xaa	Xaa	Ile	Glu	Xaa	Xaa	Xaa	Tyr	Xaa	Met	Ile	Xaa	Gln	Lys	Lys
	35						40					45			

Gly	Gln	Xaa	Cys	Asn	Gln	Arg	Gly	Arg	Glu
	50					55			

<210> 7815

<211> 38

<212> PRT

<213> Homo sapiens

<400> 7815

Ile	Glu	Lys	Thr	Cys	Leu	Tyr	Leu	Met	Ile	Pro	Val	Leu	Met	Phe	Cys
1				5					10					15	

Val	Ile	Gly	Glu	Val	Gln	Lys	Leu	Arg	Asn	Ile	Val	Asp	Ser	Ile	Glu
		20						25					30		

Asn	Ser	Ile	Leu	Glu	Glu
		35			

<210> 7816

<211> 44

<212> PRT

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<400> 7816
 Asp Tyr Xaa Arg Glu Ser Trp Tyr Ala Cys Arg Tyr Arg Ser Gly Ile
 1 5 10 15
 Pro Xaa Ser Thr His Ser Xaa Gly Lys Lys Pro Leu Gly Pro Gly Ile
 20 25 30
 Xaa Xaa Ile Thr Phe Val Arg Lys Cys Cys Ala Phe
 35 40

<210> 7817
 <211> 78
 <212> PRT
 <213> Homo sapiens

<400> 7817
 Ala Arg Ala Arg Ala Gly Ala Ile Ala Val Thr Glu Gly Ser Ser Leu
 1 5 10 15
 Arg Pro Arg Leu Gln Leu Lys Ser Leu Asp Lys His Leu Thr Pro Ala
 20 25 30
 Ser Gly Met Lys Gly Gly Asn Leu Asp Leu Asn Gly Leu Asp His Leu
 35 40 45
 Thr Thr Ala Arg Val Thr Thr Ala Phe Val Ala Gly Lys Lys Ile Ala
 50 55 60
 Val Ser Thr Gln Glu Ser Ser Asn Phe Thr Val Phe Val Phe
 65 70 75

6941

<210> 7818

<211> 63

<212> PRT

<213> Homo sapiens

<400> 7818

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Gly Thr Ser Pro Val Asp Glu His Val Asp Ile Asn Gly Leu Ala Trp
 1             5             10             15
Pro Lys Leu Pro Ala Gln His Ala Leu Ala Ser Ala Gly Tyr Ser Glu
          20             25             30
Asn Ile Leu Phe Lys Thr Leu Tyr Arg Thr Asn Arg Pro Arg Gly Ser
          35             40             45
Phe Val His Ser Trp Pro Leu Lys Leu Ser Arg Leu Ser Lys Gly
          50             55             60

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<210> 7819

<211> 26

<212> PRT

<213> Homo sapiens

<400> 7819

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Cys Phe Thr Val Arg Tyr Lys Ile Lys Met Lys Leu Cys His Ala Asp
 1             5             10             15
Asn Val Tyr Gln Val Ile Leu Glu Ile Ser
          20             25

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<210> 7820

<211> 64

<212> PRT

<213> Homo sapiens

<400> 7820

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Asn Leu Tyr Gln Cys Val His Gln Leu Ser Asn His Arg Val Leu Ser
 1             5             10             15
Thr Ala Lys Lys Ser Leu Glu Lys Glu Glu Glu Leu Cys Leu Phe Thr
          20             25             30
Pro Leu Leu Cys Thr Ser Lys Ile Gln Trp Trp Glu Lys Ile Cys Ser
          35             40             45

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6942

Ser Phe Ser Gln Arg Tyr Ser Leu Gly Asn Ala Leu Lys Arg Thr Lys
 50 55 60

<210> 7821

<211> 51

<212> PRT

<213> Homo sapiens

<400> 7821

Ser Pro Leu Phe Leu Pro Thr Leu Lys Lys Met Ser Ser Tyr Phe Phe
 1 5 10 15

Trp Glu Arg Gly Gly Leu Ile Arg Lys Lys Cys Ser Val Phe His Leu
 20 25 30

Lys Phe Trp His Met Ala Phe Ser Asn Leu Gly Ser His Asn Val Leu
 35 40 45

Gly Pro Ser
 50

<210> 7822

<211> 123

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7822

Phe Gly Val Thr Tyr Leu Glu Asp Tyr Ser Ala Glu Tyr Ile Ile Gln
 1 5 10 15

Gln Gly Gly Trp Gly Thr Val Phe Ser Leu Glu Ser Glu Glu Glu
 20 25 30

Tyr	Pro	Gly	Ile	Thr	Ala	Glu	Asp	Ser	Asn	Asp	Ile	Tyr	Ile	Leu	Pro
		35					40					45			
Ser	Asp	Asn	Ser	Gly	Gln	Val	Ser	Pro	Pro	Glu	Ser	Pro	Thr	Val	Thr
	50					55					60				
Thr	Ser	Trp	Gln	Ser	Glu	Ser	Leu	Pro	Val	Ser	Leu	Ser	Ala	Ser	Gln
65					70					75					80
Ser	Trp	His	Thr	Glu	Ser	Leu	Pro	Val	Ser	Leu	Gly	Pro	Glu	Ser	Trp
				85					90					95	
Gln	Gln	Ile	Ala	Met	Asp	Pro	Glu	Glu	Val	Lys	Ser	Leu	Asp	Ser	Asn
			100					105					110		
Gly	Ala	Gly	Glu	Lys	Ser	Glu	Xaa	Asn	Xaa	Ser					
		115					120								

<213> Homo sapiens

<223> Xaa equals any of the naturally occurring L-amino acids

<223> Xaa equals any of the naturally occurring L-amino acids

Pro Xaa Pro Pro Pro Xaa Val Pro Thr Arg Ala His Pro Cys His Leu
1 5 10 15

Cys Pro Gln Pro Pro Arg Leu Ser Ala Thr Ala Ser Phe Ser Thr Glu

Asp Leu Gly Lys Gly Cys Cys Leu Cys Ser Phe Phe His Phe Cys Pro
35 40 45

Leu Leu Ala Leu Arg Val Asp Gly Val Val Leu Gln Tyr Trp Ile Val
50 55 60

Pro Ala Leu Arg Thr Lys Glu Lys Phe Lys Leu Ser Val Glu Lys Gly
65 70 75 80

6944

Ile

<210> 7824

<211> 32

<212> PRT

<213> Homo sapiens

<400> 7824

Thr	Tyr	Ala	Tyr	Ser	Tyr	Ile	Thr	Ile	Ser	Lys	Ile	Gly	Gly	Leu	Arg
1				5					10					15	

Asp	Ala	Ile	Val	His	Ser	Leu	Asn	Val	Leu	Met	Lys	Pro	Lys	Lys	Ser
			20					25					30		

<210> 7825

<211> 50

<212> PRT

<213> Homo sapiens

<400> 7825

Pro	Leu	Ser	Tyr	Phe	Phe	Leu	Ser	Val	Ser	Leu	Ser	Pro	Ala	Ser	Glu
1				5					10					15	

Ser	Pro	Ile	Ser	Ser	Val	Ser	Thr	Cys	Arg	Ile	Ile	Ile	Met	Pro	Cys
			20					25					30		

Thr	Ser	Ser	Leu	Ile	Thr	Cys	Thr	Val	Phe	Phe	Leu	Ile	Leu	Tyr	Gln
			35					40				45			

Met His

50

<210> 7826

<211> 58

<212> PRT

<213> Homo sapiens

<400> 7826

Thr	Gln	Val	Ile	Thr	Pro	Trp	Ala	Gly	Pro	Ala	Pro	Gln	Gly	Pro	Ile
1				5					10					15	

6945

Pro Leu Leu Pro Ser Leu Ser Ser Pro Thr Ala Gln Ala Gly Ala Lys
20 25 30

Pro Thr Gly Arg Thr Cys Asp His Arg Gln Gly Pro Arg Thr Pro Ala
35 40 45

Pro Gly Ile Leu Thr Ser Arg Lys Glu Thr
50 55

<210> 7827

<211> 65

<212> PRT

<213> Homo sapiens

<400> 7827

Lys Trp Asn Glu Val Pro Gly Asp Leu Asn Ser His Gly Gly Lys Arg
1 5 10 15

Lys Arg Thr Leu Cys Lys Glu Met Ala Ser Arg Val Pro Gly Glu Pro
20 25 30

Ile Pro Leu Gly Arg Arg Cys Ser Val Arg Trp Thr Trp Thr Trp Ile
35 40 45

Lys Trp Val Phe Asn Lys Tyr Leu Leu Ser Arg Trp Trp Arg Arg His
50 55 60

Asp
65

<210> 7828

<211> 57

<212> PRT

<213> Homo sapiens

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6946

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<400> 7828

Trp Val Pro Arg Ala Ala Xaa Ile Arg Gln Xaa Xaa Leu Gly Ser Ser
 1 5 10 15

Phe Gly Ser Gly Ala Gly Ser Ser Ser Phe Ser Arg Thr Ser Ser Ser
 20 25 30

Arg Ala Val Val Val Lys Lys Ile Glu Thr Arg Asp Gly Lys Leu Val
 35 40 45

Ser Glu Ser Ser Asp Val Leu Pro Lys
 50 55

<210> 7829

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7829

Lys Phe Thr Lys Cys Leu Val Gln Leu Asn Ile Leu Leu Phe Lys Cys
 1 5 10 15

Val Leu Leu Asn Phe Leu Leu Ser Leu Leu Asn Asn Leu Cys Gly Lys
 20 25 30

Met Cys Val Ser Thr Phe Pro Ser Phe Xaa Ile Ser Tyr Phe Gln Glu
 35 40 45

Ser Asn Val Ala Ile Asn Cys Ile Leu Val
 50 55

<210> 7830

<211> 118

<212> PRT

<213> Homo sapiens

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6947

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<400> 7830

Pro Arg Val Arg Pro Arg Val Arg Glu Asn Gln Asp Gln Ala Ser Phe

1

5

10

15

6948

Cys Pro Ser Ala Pro Arg Glu Val Ser Val Leu Pro Glu Leu Ala Leu
 20 25 30

Gly His Leu Arg Tyr Arg Leu Thr Gly Val Pro Pro Gln Ser Asn Ser
 35 40 45

Pro Pro Gly Thr Val Pro Gly Ala Gly Xaa Ala Arg Xaa Xaa Arg Gly
 50 55 60

Arg Ala Leu Gly Ala Arg Ser Glu Ser Pro Ser Gly Leu Xaa Pro Pro
 65 70 75 80

Xaa Xaa Arg Val Ser Glu Lys Thr Ile Arg Val Val Val Phe His Arg
 85 90 95

Arg Pro Ala Arg Xaa Xaa Lys Pro Gly Xaa Gly Ala Pro Ser Arg Gly
 100 105 110

Lys Arg Gly Gly Ala Xaa
 115

<210> 7831

<211> 19

<212> PRT

<213> Homo sapiens

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<400> 7831

Glu Ser Arg Leu Arg Xaa Pro Asp Ser Arg Pro Xaa Ala Arg Pro His
 1 5 10 15

Leu Xaa Pro

6949

<210> 7832
<211> 51
<212> PRT
<213> Homo sapiens

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6950

<400> 7832

Ser Leu Xaa Gly Thr Asn Leu Xaa Glu Tyr Leu Xaa Lys Glu Lys Leu
 1 5 10 15

Xaa Lys Glu Ala Ala Lys Xaa Leu Glu Gln Ser Lys Glu Ala Asp Ile
 20 25 30

Asp Ser Xaa Asp Xaa Ser Asp Ile Glu Glu Asp Ile Asp Xaa Pro Ser
 35 40 45

Ala His Xaa
 50

<210> 7833

<211> 63

<212> PRT

<213> Homo sapiens

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<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7833

Ile Leu Val Gln Tyr Asp Val Ile Gln Leu Cys Ile Glu Leu Asn Phe
 1 5 10 15

Gly Cys Ile Tyr Met Tyr Tyr Thr Cys His Ala Ser Ser Cys Phe Asn
 20 25 30

His Phe Ile Thr Ile Phe Val His Ile Leu Leu Glu Asn Ile Leu Asn
 35 40 45

Gly Asn Leu Asn Lys His Leu Ile Val Tyr Ile Lys Lys Xaa Xaa
 50 55 60

<210> 7834

<211> 20

<212> PRT

<213> Homo sapiens

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6951

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<400> 7834
Xaa Lys Met Xaa Glu Gln Glu Xaa Val Ala Gln Leu Tyr Met Thr Leu
1 5 10 15
Lys Xaa Xaa Glu
20

<210> 7835
<211> 64
<212> PRT
<213> Homo sapiens

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<400> 7835
Ile Pro Pro Cys Ser Val Tyr Leu Gln Asp Cys Ile Gly Asn Leu Ser
1 5 10 15

6952

Ser Ser Ser Pro Ser Pro His Tyr Leu Leu His Thr Val Leu Thr Asp
 20 25 30

Ser Val Leu Ile Leu Ile Thr Arg Thr Ile Asn Ser Ser Xaa Gly Ile
 35 40 45

Ser Gly Val Tyr Ser Arg Leu Ser Leu Ile Xaa Val Pro Lys Phe Phe
 50 55 60

<210> 7836

<211> 49

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7836

Glu Glu Ile Asn Ile Leu Phe Gln Glu Glu Leu Ile Ser Leu Ala Lys
 1 5 10 15

Tyr Leu Pro Phe Ile Met Xaa Ser Lys Ser Ala Ile Xaa Phe Ser Phe
 20 25 30

Asn Phe Xaa Lys Leu Xaa Asn Tyr Phe Lys Asn Ser Cys Arg Trp Trp
 35 40 45

Lys

6953

<210> 7837

<211> 55

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7837

Gly	Arg	Trp	Xaa	Ser	Gly	Asp	Lys	Phe	Trp	His	Ile	Leu	Ser	Thr	Leu
1				5					10					15	

Trp	Val	Asp	Arg	Gly	Gly	Arg	Met	Glu	His	Pro	Trp	Arg	Gly	Tyr	Val
			20					25					30		

Gly	Asp	Ser	Ile	Phe	Pro	Pro	Ala	Xaa	Xaa	Asn	Lys	Xaa	Leu	Ile	Trp
		35					40					45			

Gly	Lys	Xaa	Trp	His	Thr	Xaa
	50					55

6954

<210> 7838
<211> 33
<212> PRT
<213> Homo sapiens

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<400> 7838
Arg Lys Leu His Glu Leu Ile Val Leu Tyr Gly Lys Ile Xaa Leu Glu
1 5 10 15

Arg Tyr Phe Xaa Lys Xaa Phe Phe Pro Ser Xaa Asn Phe Met Lys Leu
20 25 30

Xaa

<210> 7839
<211> 85
<212> PRT
<213> Homo sapiens

<220>

6955

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<400> 7839

Arg	Thr	Tyr	Phe	Pro	Val	Lys	Met	Pro	Thr	Thr	Lys	Lys	Thr	Leu	Met
1				5					10					15	

Phe	Leu	Ser	Ser	Phe	Phe	Thr	Ser	Leu	Gly	Ser	Phe	Ile	Val	Ile	Cys
			20					25					30		

Ser	Ile	Leu	Gly	Thr	Gln	Ala	Trp	Ile	Thr	Ser	Thr	Ile	Ala	Val	Arg
		35					40					45			

Asp	Ser	Ala	Ser	Asn	Gly	Ser	Ile	Phe	Ile	Thr	Tyr	Gly	Leu	Phe	Arg
	50						55				60				

Gly	Glu	Ser	Ser	Glu	Glu	Leu	Ser	His	Gly	Leu	Ala	Glu	Pro	Xaa	Lys
65					70					75					80

Lys	Phe	Cys	Ser	Phe
				85

<210> 7840

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7840

Leu	Thr	Ile	Arg	Asn	Glu	Tyr	Ser	Asn	Phe	Pro	Phe	Ser	Arg	Xaa	Pro
1				5					10					15	

Thr	Met	Ala	Gly	Gly	Leu	Phe	Ala	Met	Asn	Arg	Gln	Tyr	Phe	His	Gly
			20					25					30		

Thr	Trp	Thr	Val
			35

<210> 7841

<211> 52

<212> PRT

<213> Homo sapiens

6956

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7841
 Gln Xaa His Ile Ser Pro Xaa Ala Ser Cys Glu Val Xaa Ala Pro Gln
 1 5 10 15
 Pro Ser Pro Ala Gly Arg Pro Arg Gly His Trp Arg Xaa Pro Asp Leu
 20 25 30
 Gly Pro Val Xaa Leu Pro Ala Phe Xaa Glu Xaa Gly Gly Arg Arg Ala
 35 40 45

6957

Ala Pro Xaa Val
50

<210> 7842
<211> 25
<212> PRT
<213> Homo sapiens

<220>
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<400> 7842
Arg Pro Thr Arg Pro Pro Thr Arg Pro Val Xaa Ser Ile Pro Xaa Leu
1 5 10 15

Trp Ala Ala Xaa Val Ser Pro Pro Lys
20 25

<210> 7843
<211> 39
<212> PRT
<213> Homo sapiens

<220>
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6958

<222> (13)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (38)

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<400> 7843

Xaa	Leu	Asn	Tyr	Gln	Xaa	Ile	Thr	Gly	Val	Ile	Leu	Xaa	Tyr	Asp	Arg
1				5					10					15	

Xaa	Thr	Tyr	Leu	Thr	Asn	Lys	Gln	Thr	Val	Xaa	Phe	Ser	Met	Gly	Gln
			20					25					30		

Gly	Leu	Pro	Tyr	Asn	Xaa	Ser
						35

<210> 7844

<211> 82

<212> PRT

<213> Homo sapiens

<400> 7844

Gly	Pro	Cys	Pro	Ala	Val	Leu	Thr	Glu	Ala	Cys	Phe	Pro	Leu	Pro	Leu
1				5					10					15	

Leu	Leu	Cys	Trp	Asn	Ser	Thr	Gly	Thr	Arg	Ala	Thr	Ala	Gly	Thr	Val
			20					25					30		

Ser	Glu	Asp	Leu	Ile	Phe	Pro	Ser	Leu	Phe	Leu	His	Thr	Pro	Leu	Thr
		35					40					45			

Asn	Val	Pro	Ser	Gly	Phe	His	Leu	Trp	Gly	Phe	Lys	Cys	Phe	Gln	Ala
	50					55					60				

Gln	Pro	Thr	Thr	Thr	Ser	Lys	Cys	Ile	Ser	Val	Val	Val	Leu	Phe	Cys
65						70				75					80

6959

Leu Cys

<210> 7845

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<400> 7845

Leu	Ala	Glu	Ile	Gly	Ala	Val	Thr	Leu	Val	Ser	Ala	Pro	Arg	Pro	Asp
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Ser	Arg	His	His	Ser	Leu	Ala	Leu	Thr	Ser	Phe	Lys	Arg	Gln	Gln	Glu
		20					25					30			

Glu	Ser	Phe	Gln	Glu	Gln	Ser	Ala	Leu	Ala	Ala	Glu	Ala	Arg	Glu	Thr
	35					40					45				

Arg	Arg	Gln	Glu	Leu	Leu	Glu	Lys	Ile	Thr	Glu	Gly	Gln	Ala	Ala	Lys
	50				55					60					

Lys	Gln	Lys	Leu	Glu	Gln	Ala	Ser	Gly	Ala	Ser	Ser	Ser	Gln	Glu	Ala
65					70				75					80	

Gly	Ser	Ser	Gln	Ala	Ala	Lys	Glu	Asp	Glu	Thr	Ser	Asp	Gly	Gln	Ala
			85					90						95	

Ser	Gly	Glu	Gln	Glu	Glu	Ala	Gly	Pro	Ser	Ser	Ser	Gln	Ala	Gly	Pro
		100					105					110			

Ser	Asn	Gly	Val	Ala	Pro	Leu	Pro	Asp	Leu	Leu	Xaa	Leu	Ser	Xaa	Trp
	115						120					125			

Pro	Leu	Gln	Ala	Ser	Thr	Gly	Gln	Gly	Gln	Ala	Pro	Gly	Leu	Ala	Cys
	130					135					140				

Pro	Val
145	

6960

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Arg Xaa Xaa Xaa Leu Pro
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<210> 7847
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6961

<400> 7847

Ser Thr Ile Lys Glu Arg Gly Leu Gln Arg Thr Lys Gly Xaa Lys Pro
 1 5 10 15

Ser Ile Arg Ala Xaa Ala His Tyr Val Asn His His Pro Asn Gln Val
 20 25 30

Phe Trp Gly Arg Gly Ala Val Lys Ala Leu Asn Arg Asn Pro Lys Gly
 35 40 45

Ser Pro Arg Phe
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<210> 7848

<211> 58

<212> PRT

<213> Homo sapiens

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 1 5 10 15

 Xaa Arg Xaa Gly Pro Glu Glu Gly Ser Ser Pro Leu Leu Pro His Xaa
 20 25 30

 Pro Leu Asp Phe Tyr Leu Cys Glu Xaa Xaa Leu Phe Pro Gly Gln Xaa
 35 40 45

 Gln Gln Leu Trp Lys Leu Ser Xaa Met Arg
 50 55

<210> 7849
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<400> 7849

Leu	Cys	Leu	Cys	Ile	Lys	Leu	Thr	Val	Leu	Trp	Ser	Phe	Gly	Met	Asp
1				5					10					15	

Gln	Glu	Glu	Lys	Val	Asn	Thr	Asn	Leu	Xaa	Thr	Thr	Ser	Glu	Xaa	Ser
			20					25					30		

Thr	Xaa	Ser	Cys	Tyr	Arg	Arg	Ile	Cys	Ser	Arg	Leu	Xaa	Pro	Ala	Gly
		35					40					45			

Cys	Pro	Gly	Arg	Gly	His	Lys	Met	Pro	Ser	Thr	Xaa	Thr	Arg	Xaa	Glu
	50					55					60				

Asn	Leu	Arg	Asp	Gly	Arg	Cys
65					70	

<210> 7850

<211> 41

<212> PRT

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<400> 7850
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1 5 10 15
Ile Pro Thr Ser Leu Xaa Ser Arg Gln Xaa Leu Ser Ser Ser Lys Ser
20 25 30
Gln Leu Leu Phe Asn Thr Val Leu Xaa
35 40

<210> 7851
<211> 46
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6965

<400> 7851

Asn Xaa Thr Pro Cys Arg Val Pro Val Arg Asn Ser Arg Val Asp Pro
 1 5 10 15

Arg Val Arg Ala Xaa Leu Xaa Val Ser Thr Leu Xaa Ala Ile Cys Ile
 20 25 30

Ile Asn Ser Glu Asn Arg Xaa Ala Met Cys Met Gly Gly Thr
 35 40 45

<210> 7852

<211> 44

<212> PRT

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<400> 7852

Trp Xaa Thr Ala Xaa Xaa Gly Arg Leu Gln Val Pro Val Arg Asn Ser
 1 5 10 15

6966

Arg Ala Gln Gln Xaa Ala Gln Pro Glu Trp Arg Met Gly Xaa Leu Pro
20 25 30

Val Thr Gly Ala Leu Ser Arg Xaa Gly Val Trp Arg
35 40

<210> 7853

<211> 95

<212> PRT

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$\langle 222 \rangle$ (90)

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<400> 7853

Ala Pro Gly Gly Ala Cys Ala Gly Arg Val Gly Leu Thr Gln Asn Arg
1 5 10 15

His Pro Ser Ser Phe Leu Gln Leu Pro Ala Pro Thr Gly Pro Asp Leu
20 25 30

Ala Ser Pro Arg Leu Cys Arg Asp Lys Ala Glu Ala Gln Cys His Asp
35 40 45

Cys Pro Arg Ile Glu Lys Gln Lys His Lys Thr Leu Thr Leu Thr Cys
50 55 60

6967

Glu Ile Glu Xaa Arg Phe Ser Phe Leu Leu Ser Leu Gly Xaa Ser Ser
65 70 75 80

Gln Lys Arg Lys Asn Pro Asp Leu Xaa Xaa Glu Gly Pro Xaa Glu
85 90 95

<210> 7854

<211> 47

<212> PRT

<213> Homo sapiens

<400> 7854

Glu Gln Phe Thr Leu Thr His Ser Cys Cys Thr Ser Glu Asn Glu Ala
1 5 10 15

Leu Gln Ala Cys Thr Tyr Tyr Ile Thr Cys Ala Trp Leu Met Ala Met
20 25 30

His Phe Gln Ser Glu Phe Ile Tyr Lys Tyr Met His Pro Phe Phe
35 40 45

<210> 7855

<211> 29

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<400> 7855

Ala Arg Ala Gly Gly Pro Gly Ala Ala Gly Arg Gly Xaa Trp Ala Ala
1 5 10 15

Arg Xaa Pro Xaa Asp Trp Xaa Pro Gly Thr Pro Arg Gln
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<210> 7856

<211> 90

<212> PRT

<213> Homo sapiens

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<400> 7856

Ala His Ala Ser Ala Val Arg Val Gly Lys His Leu Ser Phe Arg Gly

6969

1	5	10	15
Asp Ser Pro Ser Pro Ser Ser Phe Ala Glu Val Thr Gln Gly Trp Ser	20	25	30
Arg Glu Xaa Ala Asp Asp Ile Xaa Ser Asn Pro Cys Leu Leu Pro Ser	35	40	45
Arg Thr Val Gly Xaa Arg Ala Cys Thr Pro Val Gly Ser Lys Gly Ser	50	55	60
His Arg Ser Lys Thr Pro Pro His Pro Lys Lys Arg Gly Lys Lys Xaa	65	70	75
Xaa Ser Val Xaa Asp Lys Pro Val Phe Xaa	85	90	

<210> 7857

<211> 41

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7857

Asn His Thr Val Gln Thr Phe Phe Ser Pro Val Asn Asn Gly Gln Xaa

6970

1 5 10 15
Pro Asn Tyr Ile Asn Ile His Arg Xaa Glu Gln Xaa Val Cys Val Xaa
20 25 30
Gly Ala Pro Gln Thr Xaa Ser Pro His
35 40

<210> 7858

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7858

Ala Asp Ala Trp Ala Asp Ala Trp Ala Asp Ala Trp Ala Gly Arg Trp
1 5 10 15

Asn Ala Pro Thr Leu Xaa Leu Cys Gly Tyr Met Pro Gly Leu Ser Ile
20 25 30

<210> 7859

<211> 114

<212> PRT

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<400> 7859

Phe	Leu	Lys	Leu	Thr	His	Xaa	His	Leu	Ile	Xaa	Gly	Lys	Lys	Ala	Trp
1				5					10					15	

Val	Thr	Ala	Xaa	Xaa	Gly	Leu	Pro	Gly	Ser	Gly	Xaa	Asn	Phe	Pro	Arg
			20					25					30		

Gly	Ser	Glu	Pro	Xaa	Xaa	Xaa	Val	Pro	Glu	Leu	Lys	Phe	Leu	Lys	Asn
		35					40					45			

Pro	Arg	Lys	Ala	Gly	Pro	Ala	Ser	Leu	Arg	Lys	Gly	Ile	Pro	Lys	Gly
	50					55					60				

Leu	Xaa	Pro	Phe	Thr	Xaa	Arg	Leu	Ala	Ile	Ala	Glu	Arg	Phe	His	Xaa
65					70					75					80

Ala	Ser	Phe	Leu	Ile	Lys	Leu	Xaa	His	Xaa	Xaa	Lys	Phe	Gln	Ile	Ser
				85					90					95	

Thr	Gly	Ala	Gly	Pro	Phe	Leu	Thr	Asn	Arg	Ser	Val	Asn	Leu	Gly	Gly
			100					105					110		

Lys Asn

<210> 7860

<211> 55

<212> PRT

<213> Homo sapiens

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 1 5 10 15
 Thr Ala Leu Trp Xaa Thr Arg Leu Thr Xaa Gly Phe Pro Gly Gly Lys
 20 25 30
 Phe Pro Pro Gly Gly Phe Pro Asn Pro Xaa Xaa Arg Phe Pro Gly Gly
 35 40 45
 Glu Arg Xaa Val Trp Gly Ala
 50 55

<210> 7861
 <211> 64
 <212> PRT
 <213> Homo sapiens

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6974

<400> 7861

Asp Ile Cys Ile Phe Leu Cys Thr Cys Phe Tyr Lys Met Tyr Leu Ile
1 5 10 15

Lys Leu Thr Phe Thr Cys Tyr Met Ile Leu Phe Ser Phe Phe Met Val
20 25 30

Ile Arg Glu Arg Thr Thr Lys Lys Arg Val Leu Lys Xaa Gln Val Arg
35 40 45

Met Phe Phe Gly His Leu Lys Pro Lys Leu Asn Val Phe Gln Pro Asn
50 55 60

<210> 7862

<211> 21

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<213> Homo sapiens

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<400> 7862

Gly Val Ser Xaa Ala Arg Thr Leu Arg Gly Xaa Gly Leu Arg Leu Tyr
1 5 10 15

Thr Leu Arg Pro Pro
20

<210> 7863

<211> 51

<212> PRT

<213> Homo sapiens

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6975

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Asp Gly Xaa Ser Asn Leu Xaa Leu Leu Ile Xaa Lys Xaa Gly Thr Pro
  1               5               10              15
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Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Pro Gly Xaa
20 25 30

Val Ser Trp Asp Xaa Xaa Val Met Xaa Gly Lys Thr Gln Arg Leu Ala
35 40 45

Pro Ile Phe
50

6976

<210> 7864
 <211> 58
 <212> PRT
 <213> Homo sapiens

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<220>
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 1 5 10 15
 Gly Gly Leu Xaa Gln Ile Asp Xaa Leu Ser Lys Xaa Ile Cys Phe Ser
 20 25 30
 Lys Gln Asn Leu Cys Xaa Ile Glu Asp Xaa Ser Leu Phe Thr Tyr Arg
 35 40 45
 Val Asn Arg Leu Tyr Cys Leu Leu Arg Ser
 50 55

<210> 7865
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6977

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 Gly Lys Glu Gly Arg Val Xaa Gly Val Ser Val Ser Leu Thr Gly Lys
 1 5 10 15

 Thr Gln Xaa Leu Leu Leu Xaa Leu Val Ala Xaa Leu
 20 25

 <210> 7866
 <211> 59
 <212> PRT
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<400> 7866

Pro	Leu	Gly	Arg	Xaa	Leu	Val	Arg	Val	Gln	Val	Pro	Val	Arg	Asn	Ser
1				5					10					15	

Arg	Val	Asp	Pro	Arg	Phe	Arg	Xaa	Glu	Glu	Gly	Gln	Xaa	Lys	Val	Val
			20					25					30		

Leu	Ser	Leu	Xaa	Gly	Asn	Ser	Cys	Pro	Ser	Pro	Ile	Ser	Leu	Lys	Leu
		35					40					45			

Asn	Lys	Val	Ser	Leu	Ser	Xaa	Thr	Gly	Ser	Xaa
	50					55				

<210> 7867

<211> 33

<212> PRT

<213> Homo sapiens

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<400> 7867
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1 5 10 15
Ser Arg Xaa Asp Pro Arg Xaa Arg Xaa Arg Val Gly Gly Arg Val Xaa
20 25 30

Gln

<210> 7868
<211> 17
<212> PRT
<213> Homo sapiens

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<400> 7868
Ala Asp Ala Trp Val Arg Met Val Xaa Arg Gln Val Pro His Glu Arg
1 5 10 15

Ala

6980

<210> 7869
 <211> 33
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<400> 7869
 Gly Gly Gly Xaa Gly Xaa Thr Xaa Xaa Phe Lys Ser Glu Pro Xaa Lys
 1 5 10 15

Xaa Xaa Trp Tyr Ala Cys Arg Tyr Arg Ser Gly Ile Pro Gly Ser Thr
 20 25 30

His

6981

<210> 7870

<211> 96

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Pro	Arg	Val	Arg	Gly	Arg	Val	Gly	Cys	Ser	Thr	Cys	Pro	Lys	Gln	Pro
1				5				10					15		

Ala	Ser	Pro	Gly	His	Arg	Leu	Pro	Phe	Gly	Xaa	Glu	Gly	Trp	Pro	Ile
			20					25					30		

Xaa	Ala	Ala	Gly	Ser	Xaa	Gly	Xaa	Gly	Trp	Ala	Ser	Gly	Gly	Gly	Gly
			35				40					45			

Phe	Leu	Leu	Ser	Thr	Xaa	Gly	His	Pro	Gly	Asn	Lys	Gly	Xaa	Gln	Gly
	50					55					60				

Ile	Leu	Leu	Pro	Ala	Pro	Leu	Cys	Arg	Trp	His	Xaa	Gly	Arg	Val	Pro
65					70					75					80

Thr	Val	Lys	Asp	Glu	Arg	Xaa	Lys	Ala	Leu	Xaa	Glu	Pro	Xaa	Ser	Gln
				85					90					95	

<210> 7871

<211> 36

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<400> 7871

6983

Gly Gly Gly Xaa Gly Xaa Asp Tyr Gly Leu Ser Asn Thr Xaa His Tyr
1 5 10 15
Arg Glu Ser Trp Tyr Ala Cys Arg Tyr Arg Ser Gly Asn Ser Arg Val
20 25 30
Asp Pro Arg Val
35

<210> 7872

<211> 20

<212> PRT

<213> Homo sapiens

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<400> 7872

Asp Pro Arg Val Arg Val Thr Arg Xaa Arg Thr Arg Xaa Ser Lys Lys
1 5 10 15

Lys Lys Lys Xaa
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<210> 7873

<211> 32

<212> PRT

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<400> 7873
Xaa Xaa Asn Gly Met His Arg Xaa Leu Xaa Leu Lys Gly Arg Xaa Asp
1 5 10 15
Arg Ser Arg Gln Val Xaa Leu Pro Cys Ser Gly Asn Val His Gly Xaa
20 25 30

<210> 7874
<211> 36
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<400> 7874
Ala Ile Xaa Trp Thr Ser Ser Ser Ser Met Leu Ala Pro Ser Arg Ser
1 5 10 15
Leu Xaa Xaa Arg Leu Thr Leu Asp Met Ser Thr Gly Pro Ser Trp Asp
20 25 30
Arg Thr Val Pro
35

<210> 7875
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6986

<400> 7875

Xaa His Glu Lys Xaa His Gly Thr Pro Ala Xaa Thr Gly Pro Glu Phe
1 5 10 15

Thr Gly Arg Asp Trp Glu Asn Pro Asp His Xaa Arg Xaa Gly Asn Leu
20 25 30

Ala

<210> 7876

<211> 21

<212> PRT

<213> Homo sapiens

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<400> 7876

Gly Xaa Asp Tyr Thr Val Leu Thr Gly Xaa Thr Xaa Leu His Xaa Met
1 5 10 15

Leu Cys Gly Ser Tyr
20

<210> 7877

<211> 82

<212> PRT

<213> Homo sapiens

6987

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<400> 7877
 Leu Ser Pro His Cys Gly Leu Pro Asn Pro Xaa Leu Leu Pro Phe Gly
 1 5 10 15
 Xaa Phe Gly Lys Ser Asn Ser Cys Leu Pro Met Ala Ser Leu Arg Pro
 20 25 30
 Asn Ser Phe Pro His Val Xaa His Ser Lys Pro Arg Phe Ser Leu Pro
 35 40 45

6988

Xaa Asp Leu Leu Xaa Ser Asn Leu Phe Ile Phe Leu Val Tyr Lys Ser
 50 55 60

Gln Asn Ile Glu Phe Trp Glu Xaa Phe Xaa His Tyr Val Ser Lys Xaa
 65 70 75 80

Lys Arg

<210> 7878

<211> 34

<212> PRT

<213> Homo sapiens

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<400> 7878

Ile Ile Glu Xaa His Gly Ser Leu His Val Pro Val Arg Asn Ser Arg
 1 5 10 15

Val Val Thr Gly Lys Thr Gln Thr Ile Xaa Leu Ser Arg Xaa Xaa Ala
 20 25 30

Leu Leu

<210> 7879

<211> 76

<212> PRT

6989

<213> Homo sapiens

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<400> 7879

Ser	Leu	Lys	Ser	Ser	Thr	Ile	Phe	Trp	Gly	Val	Leu	Asn	Thr	Asn	Ile
1				5					10					15	

Ala	Trp	Ala	Xaa	Xaa	Lys	Xaa	Xaa	Leu	Pro	Ser	Leu	Ala	Ile	Xaa	Gly
			20					25					30		

Val	Gly	Gln	Thr	Ile	Cys	Ser	Trp	Cys	Val	Leu	Gln	Glu	Xaa	Gln	Thr
		35					40						45		

6990

Leu Tyr Leu Thr Arg Glu Gly Gly Arg Asn Ser Val Glu Asp Glu Val
 50 55 60

Glu Arg Val Ile Thr Ile Xaa Ala Glu Ser Xaa Thr
 65 70 75

<210> 7880

<211> 104

<212> PRT

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<400> 7880

Gly Xaa Leu Thr Thr Phe Gly Lys Xaa His Ala Cys Arg Tyr Arg Ser
 1 5 10 15

Gly Ile Pro Gly Ser Thr His Ala Phe Asp Phe Ser Leu Gln Pro Gly
 20 25 30

Pro Asn Ser His Leu Pro Gly Arg Ile Ser Ser Lys Glu Val Pro Gly
 35 40 45

Gly Trp Gly Pro Gly Arg Leu Trp Thr Pro Ile Ser Arg Gly Pro Ser
 50 55 60

Gln Pro Asp Pro Cys Pro Pro Ser Ser Gly Gly Gly Arg Cys Arg Val
 65 70 75 80

Trp Leu Ser Phe Pro Pro Thr Phe Pro Gly Pro Asn Pro Phe Leu Ser
 85 90 95

Tyr Thr Gln Leu Gly Leu Leu Pro
 100

<210> 7881

<211> 53

<212> PRT

6991

<213> Homo sapiens

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<400> 7881

Pro	Ala	Leu	Thr	Gly	Asn	Ser	Ser	Phe	Met	Gly	Asn	Asn	Cys	Asn	Pro
1				5					10					15	

Arg	Ser	Pro	Ser	Arg	Met	Gly	Phe	Asn	Gly	Leu	Pro	Ala	Pro	Ala	Ala
			20					25					30		

Xaa	Gly	Arg	His	Thr	Leu	Ser	His	Ser	Met	Xaa	Ala	Arg	Xaa	Ala	Arg
		35					40					45			

Thr	Ser	Lys	Gly	Ser
				50

<210> 7882

<211> 62

<212> PRT

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<400> 7882
 Pro Arg Xaa Xaa Pro Arg Val Arg Ser Arg Lys Xaa Val Pro Ala Leu
 1 5 10 15
 Leu Xaa Pro Leu Xaa Ala Pro Pro Pro Ala Gln Gly Gln Arg Gln Arg
 20 25 30
 Gln Arg Arg Leu Gly Arg Phe Xaa Arg Glu Ala Ser Xaa Asp Arg Trp
 35 40 45
 Pro Cys Gly Ile Xaa Asp Asn Xaa Thr Leu Ser Arg Arg Arg
 50 55 60

<210> 7883
 <211> 58
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<220>
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<400> 7883
 Thr Thr Arg Thr Pro Leu Xaa Val Val Leu His Arg Glu Ala Xaa Leu
 1 5 10 15
 Val Val Ala Pro Thr Glu Ser Thr Thr Ile Met Cys Val Trp Asp Thr
 20 25 30
 Ser Val Val Xaa Leu Lys Arg Tyr Met His Phe Tyr Gly Ile Lys Ile
 35 40 45
 Ser Lys Lys Lys Met Gly Ala Xaa His Ala
 50 55

<210> 7884
 <211> 76
 <212> PRT
 <213> Homo sapiens

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<400> 7884

Thr Ala Ala Ala Pro Leu Pro Ala Tyr Pro Ser Cys Ala Ala Pro Glu
1 5 10 15

Pro Gly Lys Glu Ala Ala Met Gln Gly Ser Thr Gly Xaa Gln Glu Thr
20 25 30

His Leu Arg Leu Ser Pro Ser Pro Xaa Pro Thr Trp Gly Val Tyr Tyr
35 40 45

Leu Gly Thr Pro Leu Ala His Ala Xaa Ser Leu Gln Asn Asn Xaa Asn
50 55 60

Cys Phe Phe Phe Leu Val Gln Asn Lys Thr Ser Val
65 70 75

<210> 7885

<211> 65

<212> PRT

<213> Homo sapiens

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 Met Gly Ala Gly Gln Val Pro Val Asp Leu Thr Arg Gly Pro Glu Gln
 1 5 10 15
 Tyr Gly Lys Gly Xaa Xaa Glu Xaa Xaa Xaa Pro Pro Xaa Xaa Ile Xaa
 20 25 30
 Xaa Val Xaa Xaa Xaa Phe Arg Xaa Xaa Pro Asn Leu Val Xaa Val Xaa
 35 40 45
 Xaa Xaa Arg Xaa Lys Gly Phe Xaa Lys Phe Lys Arg Val Ser Xaa Xaa

6997

50

55

60

Lys

65

<210> 7886

<211> 80

<212> PRT

<213> Homo sapiens

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<400> 7886

Asn	Ser	Ala	Glu	Xaa	Cys	Arg	Ala	Leu	Pro	Thr	Cys	Val	Cys	Arg	Ile
1				5					10					15	

Arg	Ser	Lys	Ser	Pro	Ala	Trp	Pro	Gln	Ser	Trp	Pro	Ile	Ser	Arg	Gly
			20					25					30		

Met	Ala	Lys	Pro	Arg	Cys	Ala	Gly	His	Ser	His	Leu	Ile	Phe	Val	Thr
		35					40					45			

Val	Ala	Gly	Ser	Cys	Ser	Asp	Pro	Pro	Trp	Ser	Glu	Xaa	Pro	Gly	Ile
		50				55					60				

Asp	Trp	Gly	Gln	Met	Met	Pro	Val	Phe	Ile	Glu	Gln	Lys	Tyr	Trp	Phe
65					70					75					80

<210> 7887

<211> 96

<212> PRT

<213> Homo sapiens

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<400> 7887

Ile	Arg	Xaa	Arg	Xaa	Gln	Arg	Gly	Leu	Arg	Ala	Pro	Ala	Leu	Gly	Val
1				5				10						15	

Gly	Pro	Asn	Gly	Ala	Gly	Lys	Xaa	Pro	Ser	Thr	Gly	Pro	Glu	Gly	Val
			20					25					30		

Met	Glu	Ala	Ala	Ser	Met	Gly	Cys	Pro	Cys	Ala	Glu	Gly	Cys	Ser	Arg
			35				40					45			

Ala	Cys	Gly	His	Lys	Glu	Gly	Gly	Thr	Arg	Arg	Asn	Pro	Trp	Ala	Gly
		50					55				60				

Thr	Ser	Gly	Val	Trp	Thr	Gly	Gly	Leu	His	His	Arg	Lys	Xaa	Asn	Leu
65					70					75					80

Cys	Val	Cys	Val	Xaa	Cys	Leu	Arg	Thr	His	Gly	Cys	Xaa	Cys	Val	Gln
				85					90					95	

6999

<210> 7888
<211> 71
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 Xaa Leu Arg Arg Gly Leu Xaa Pro Pro Xaa Xaa Leu Xaa Xaa Ala Leu
 20 25 30
 Ser Pro Glu Ser Leu Asn Ser Xaa Phe Leu Phe Asn Pro Leu His Xaa
 35 40 45
 Xaa Thr Gly Val Pro Xaa His Val Arg Arg Xaa Xaa Arg His Gln Leu
 50 55 60
 Pro Lys Xaa Pro Xaa Arg Thr
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 Thr Pro Ala Arg Pro Gln Arg Ser Pro Ser Xaa Pro Leu Asp Pro Ala
 20 25 30
 Leu Ser Cys Gln Gly Val Leu Gly Gly Arg Phe Ser Leu Val Gln Thr
 35 40 45
 Trp Leu Pro Val Xaa Pro Leu Ala Ala Gln Gly Arg Leu His Arg Ser
 50 55 60
 Ala Glu Trp Leu Gln Gly Arg Xaa Leu Asn Arg Arg Pro Met Gly Asp
 65 70 75 80
 Gly Glu Glu Met Val Ser Ser Thr Thr Xaa Leu Thr Asp Gly Gly Ala
 85 90 95
 Glu Xaa Ser Gly Ser Pro Gly Gly Leu Gly Xaa Thr Thr Arg Phe

7002

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105

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 Leu His Pro Gly Pro Asp His Leu Leu Glu Gly Pro Gly Gly Ala Met
 20 25 30

 Pro Pro Arg Thr Gly Arg His Ser Leu Ser Gly Ala Gly Pro Glu Ser
 35 40 45

 Ala Ser Xaa Trp Trp Gly Glu Lys Ala Leu Xaa Pro Leu Ser Glu Leu
 50 55 60

 Val Glu Gly Lys Ile Val Cys Glu Arg Cys Cys Leu Pro Ser His Leu
 65 70 75 80

 Leu Thr Glu Lys Pro Arg Met Val Glu Trp Asn Glu Ala Val Xaa Pro
 85 90 95

7004

Met	Pro	Val	Pro	Pro	Gly	Gln	Pro	Ser	Xaa	Cys	Xaa	Trp	Thr	Arg	Gly
			100					105					110		
Xaa	Xaa	Leu	Xaa	Val	Pro	Trp	Leu	Trp	Val	Xaa	Arg	Ile	Cys	Ile	Arg
		115					120					125			
Ser	Ile	Arg	Ala	Leu	Glu	Asp	Phe	Xaa	Phe	Trp	Xaa	Lys	Lys	Lys	Lys
	130					135					140				
Lys	Phe	Gly	Gly	Ala	Xaa	Thr	Ile	Gly	Leu	Arg	Gly	Val	Xaa	Asn	
145						150				155					

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<400> 7891

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Lys	Xaa	Xaa	Gly	Gly	Gly	Pro	Val	Pro	His	Leu	Xaa
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 Leu Gly Leu Ser His Ala Ile Leu Val Ser Ser Phe Gly Thr Arg Glu
 20 25 30
 Gly Tyr Ser Gly Val Gly Leu Thr Phe Pro Pro Val Pro His Xaa Lys
 35 40 45
 Val Ser Tyr Gly His Arg Arg Xaa Arg Xaa His Xaa Ser Arg Glu Gly
 50 55 60
 Arg Gly Xaa Leu Trp Leu Xaa Phe Glu Leu Arg Leu Cys Leu Val Asn
 65 70 75 80
 Asn Xaa Xaa Asp Leu Asn Xaa Arg Ser Glu Val Xaa Gly Asn Xaa Leu
 85 90 95
 Xaa Val Thr Gly Xaa Xaa Leu Gly Xaa Xaa Xaa Pro Phe Xaa Xaa Xaa
 100 105 110
 Phe Pro Xaa Lys Gly Xaa Leu Val Phe Pro Arg Lys Xaa Pro Xaa Xaa
 115 120 125
 Xaa Leu Xaa Xaa Gly Xaa Xaa Pro Xaa Asn Gly Gly Ala
 130 135 140

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Tyr Gly Xaa Xaa Glu Ile Val Glu Leu Lys Xaa Lys Phe Ser Leu Glu
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Val Thr Glu Gly Ala Lys Ser Val Xaa Ile Xaa Lys Tyr Xaa Xaa Val
20 25 30
Val Ile Arg Ser Xaa Xaa Ser Leu Gly
35 40

7010

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 Ser Ser Tyr Xaa Ile Leu Trp Glu Ala Pro Pro Cys Ala Thr Val Ile
 20 25 30

 Ser Pro Gly Cys His Leu Xaa Trp Phe Pro Gly Arg Asp Val Xaa Cys
 35 40 45

 Ser Val Val Cys Gly Val Pro Ser Asp Phe Leu Val His Ile Ala Arg
 50 55 60

 Trp Ser Gly Val Trp Gly Thr Arg Thr Gly Trp Xaa Gly Leu Ser Leu
 65 70 75 80

 Gly Leu Pro Pro Xaa Lys Ala Gly Ala Gln Xaa Xaa Xaa Lys Cys Xaa
 85 90 95

 Leu Pro Xaa Xaa Xaa Pro Asn Xaa Asp Arg Xaa Xaa Ser Xaa Xaa Xaa
 100 105 110

 Xaa Leu Xaa Leu Leu Glu Xaa Xaa Leu Xaa Ser Ile Arg Leu Leu Gly
 115 120 125

 Xaa Gly
 130

7013

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Leu His Trp Pro Xaa Leu Xaa Ser Pro Arg Glu Gly Pro Gly Asp Asp
20 25 30
Thr Xaa Trp Gly Leu Xaa Lys Xaa Ser Gly Ile Ile Tyr Gly Xaa Ser
35 40 45
Xaa Asp Ser Gln Gly Xaa Val Leu Gly Xaa Leu Xaa Xaa Trp Xaa Xaa
50 55 60
Xaa Thr Xaa Xaa Xaa Gly Pro Xaa Xaa Xaa Xaa Xaa Met Xaa Xaa Arg
65 70 75 80
Xaa Xaa Xaa Gly Ser Xaa Leu Xaa Met Pro Ser Xaa Leu Gly Val Leu
85 90 95
Xaa Arg Lys

<210> 7896
<211> 63
<212> PRT
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1				5				10						15	

Xaa	Gly	Thr	Lys	Ser	Asp	Leu	Xaa	Tyr	Gly	Ser	Ile	Trp	Ile	Lys	Thr
			20					25					30		

Asn	Gln	Gln	Val	Leu	Pro	Ser	Ser	Arg	Trp	Gly	Ser	Gln	Leu	Xaa	Ser
			35					40					45		

Xaa	Pro	Gln	Leu	Xaa	Phe	Leu	Gln	Gly	Ser	Gln	Leu	Arg	Thr	Asn
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 20 25 30

Gly Ala Ser Tyr Leu Cys Gly Arg Gly Gly Ile Gly Lys Asn Phe Ser
 35 40 45

Gly Glu Gln Xaa Lys Lys Lys Lys Gly Arg Gly Gly Gly Gly
 50 55 60

<210> 7898

<211> 75

<212> PRT

<213> Homo sapiens

<400> 7898

Val Pro Met Leu Arg Leu Ser Ser Arg Pro Glu Glu Val Thr Asp Trp
 1 5 10 15

Leu Gln Ala Glu Asn Phe Ser Thr Ala Thr Val Leu Asp Thr Trp Val
 20 25 30

Pro Asp Gly Glu Pro Ala Tyr Phe Gly Ile Lys Thr Trp Gly Ala Thr
 35 40 45

Asp Ala Tyr Val His Arg Arg Ala Pro Arg Asn Pro Val Pro Ala Gly
 50 55 60

Gly Cys Ser Glu Gly Cys Trp Gly Ile Ser Pro
 65 70 75

<210> 7899

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<213> Homo sapiens

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          20             25             30

Ser Pro Xaa His Xaa Ser Gln Xaa Ser Xaa Leu Xaa Xaa Gln Leu Leu
          35             40             45

Leu Xaa Ser Pro Thr Val Val Asn Cys Xaa Xaa Val Ser Pro Ser Xaa
          50             55             60

Lys Ile Met Ser Ile Leu Gln Gly Leu Pro Gln Ile Leu Gly Asn Leu
 65             70             75             80

Val Xaa Xaa Leu Gln Pro Gly Ala Val Val Arg Leu Xaa Xaa Leu Thr
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Xaa	Xaa	Thr	Asp	Pro	Ile	Xaa	Xaa	Arg	Lys	Arg	Thr	Xaa	Ala	Asp	Lys
			20					25					30		

Glu	Gly	Pro	Trp	Xaa	Pro	Cys	Pro	Xaa	Lys	Asp	Pro	Leu	Xaa	Ala	Gly
		35					40					45			

Leu	Xaa	Gly	Ser	Trp	Pro	Ser	Gly	Thr	Xaa	Xaa	Gly	Tyr	Arg	Leu	Xaa
	50					55					60				

Tyr	Arg	Phe	Arg	Pro	Xaa	Pro	Xaa	Arg	Ser	Pro	Xaa	Xaa	Pro	Phe	Arg
65					70					75					80

Leu	Glu	Gln	Arg	Gly	Xaa	Lys	Gly	Gly	Gln	Xaa	Gly	Gly	Lys	Leu	Arg
				85					90					95	

7025

Xaa Xaa Ser Gly Pro Xaa Leu Gly Xaa Lys Leu Thr Thr Xaa Leu Xaa
100 105 110

Phe Lys Arg Xaa Xaa Xaa Ile Pro Xaa Gly Asn Xaa Val Xaa Phe Pro
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Xaa Cys Ser Lys Thr Asn Leu Phe Phe Ile Tyr Phe
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 Ile Arg Phe Pro Tyr Arg Ile Gly Pro Lys Arg Lys Leu Ile Leu Val
 20 25 30
 Lys Phe Leu Xaa Leu Gly Xaa Ala Asp Ile Asn Pro His Leu Gly Cys
 35 40 45
 Phe Ile Lys Leu Trp Leu Gln Gln Xaa Gly Leu Glu Phe Val Thr Val
 50 55 60
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 Ser Xaa Trp Xaa Ser
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 Gly Gln Ile Xaa Gly Ala Lys Leu Leu Ala Xaa Tyr Val Lys Leu Xaa
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7028

His Xaa Xaa Ile Ser Xaa Asn Xaa Ser Pro Xaa Phe Val Xaa
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Leu Arg Thr Leu Tyr Pro Ser Gly Leu Gln Glu Lys Xaa Arg Xaa Leu
20 25 30
Pro Gly His Glu Gly Ser Xaa Leu Ser Arg Xaa Xaa Phe Xaa Xaa Xaa
35 40 45
Gln Val Lys Xaa Gln Val Val Ala Ser Asn Ser Leu Leu Leu Xaa Gln
50 55 60
Val Ala Val Ala Asn Ser Phe Ser Xaa Xaa Phe Leu Xaa Pro Xaa Xaa
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Cys	Ile	Leu	Ser	Cys	Leu	Asp	Ser	Thr	Gly	Gly	Phe	Leu	Ser	Phe	Phe
		20						25				30			

Glu	Ser	Leu	Leu	Thr	Leu	Gly	Met	Arg	Asp	Arg	Asn	Arg	Val	Arg	Glu
		35					40					45			

Glu	Val	Xaa	Phe	Lys	Cys	Xaa	Phe	Phe	Pro	Xaa	Xaa	Thr	Xaa	Thr	Gln
	50					55						60			

Pro	Tyr	Phe	Trp	Asp	Xaa	Xaa	Ile	Pro	Thr	Phe	Pro	Leu	Asp	Leu	Xaa
65					70					75					80

Pro	Lys	Ile	Xaa	Gly	Gly	Thr	Pro	Xaa	Asn	Leu	Xaa	Pro			
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Cys	Xaa	Xaa	Xaa	Asp	Leu	Gly	Ala	Gly	Ala	Leu	Asn	Ala	Gly	Ser	Tyr
			20					25					30		

Ala	Ser	Leu	Gly	Lys	Arg	Thr	Asp	Tyr	Gly	Lys	Leu	Tyr	His	Val	Leu
		35					40						45		

Ser	Leu	Ile	Ser	Val	Lys	Thr	Ser	Ser	Tyr	Thr	Leu	Ile	Ile	Ser	Ile
	50					55					60				

His	Xaa	Xaa	Asn	Xaa	Arg	Leu	Val	Pro	Xaa	Gly	Leu	Lys	Lys	Ile	Leu
65					70					75					80

Xaa	Leu	Gly	Xaa	Gln	Asn	Phe	Trp	Gly	Xaa	Phe
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Val Gln Thr Ala Asn Leu Xaa Phe Xaa Phe Gln Ala Leu Xaa Arg Leu
20 25 30

Gly Xaa Ser Phe His Leu Xaa Phe Arg Arg Thr Gly Xaa Xaa Pro Ala
35 40 45

Val Xaa Xaa Xaa Xaa Xaa Gly Ser Arg Val Pro Ala Ser Val Xaa Xaa
50 55 60

Pro Ile Xaa Xaa Phe Arg Xaa Arg Thr Val Xaa Ser Trp Gly Phe Gly
65 70 75 80

Xaa Gly Arg Val Ser Trp Xaa Phe Gln Arg Xaa Xaa Xaa Gly Gly Xaa
85 90 95

Xaa

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 Thr Lys Arg Arg Xaa Xaa Gly Xaa Gly Val Asn Val Asn Phe Ser Thr
 20 25 30
 Leu Cys Leu Asn Val Tyr His Leu Thr Asn Ile Ile Lys Glu Thr Xaa
 35 40 45
 Leu Lys Leu Glu Phe Pro Lys His Tyr Ser Gly Cys Xaa
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Ile	Arg	His	Xaa	Xaa	Ser	Arg	Lys	Xaa	Leu	Xaa	Pro	Arg	Lys	Ser	Arg
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Cys Cys Pro

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 1 5 10 15

His Thr Thr Ala Asn Trp Leu Gly Val Val Gly Leu Ser Asn Asp Tyr
 20 25 30

Leu Leu Met Ile Thr Tyr Glu Lys Gln Gln Gln Lys Ser His Leu Glu
 35 40 45

Ala Ala Phe Asn Glu Arg Thr Asn Val Leu Pro Ser Asn Arg Ala Ala
 50 55 60

Lys Ile Phe Leu Leu Leu Xaa Phe
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Phe Gly Xaa Gly Ile His Glu Val Gly Gln Gly Tyr Thr Asn Ala Lys
 1 5 10 15

Leu Ser Cys Met Phe Phe Asn Arg Asn Cys Gly Thr Ser Xaa Ile Tyr
 20 25 30

Leu Ile Asn Gly Asn Leu Leu Arg Glu Cys Phe Gly Asp Thr Trp Ala
 35 40 45

Val Ser Ser Leu Cys Val Leu Gln Arg Phe Cys Leu Cys Asn Leu Phe
 50 55 60

7040

Ile His Leu Val Ile Arg
65 70

<210> 7911

<211> 41

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<213> Homo sapiens

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<400> 7911

Ser Xaa Asn Leu Xaa Gly Phe Phe Xaa Phe Gly Gln Lys Ile Ile Lys
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Xaa Phe Phe Phe Xaa Lys Lys Lys Lys Lys Asn Xaa Gly Gly Gly Xaa
 20 25 30

Arg Xaa Pro Phe Gly Pro Xaa Gly Gly
 35 40

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<211> 81

<212> PRT

<213> Homo sapiens

<400> 7912

Pro Asn Gly Leu Gly His Gln Ile Leu Ser His Ser Val His Glu Ser
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Ser Ser Pro His Thr Ile Ile His Ile Tyr Ser Pro Asn Ser Asn Thr
 20 25 30

Gly Glu Ser Leu Glu His Pro Val Leu Ala Leu Trp Glu Arg Gly Arg
 35 40 45

Trp Arg Ser Gly Cys Met Tyr Leu Asn Asn Thr Asp Pro Val Leu Ser
 50 55 60

Pro Ser Ala Gly Ile Ser Pro Cys Glu Gly Ala Ala Gly His Pro Gly
 65 70 75 80

Ile

<210> 7913

<211> 126

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 Lys Arg Arg Met Gly Ala Xaa Pro Val Arg Gly Leu Gly Gly Xaa Gly
 20 25 30
 Ala Ala Ala Ala Gly Gly Arg Ala Ala Leu Leu Leu Val Ser Pro Thr
 35 40 45
 Xaa Arg Arg Ser Thr Arg Pro Pro Arg Ser Ser Thr Pro Arg Arg Xaa
 50 55 60
 His Arg Pro Xaa Lys Pro Ala Xaa Ala Gln Leu Arg Pro Gln Asp Tyr
 65 70 75 80

7045

Val Xaa Arg Asp Arg Xaa Lys Val Asp Xaa Thr Thr Xaa Thr Xaa Ser
 85 90 95

Xaa Asn Xaa Xaa Xaa Ile Gly Xaa Xaa Xaa Gly Xaa Xaa Xaa Ser Phe
 100 105 110

Xaa Xaa Xaa Lys Xaa Xaa Xaa Trp Leu Xaa Lys Ser Ile Phe
 115 120 125

<210> 7914

<211> 93

<212> PRT

<213> Homo sapiens

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<400> 7914

Ser Gly Lys His Cys Ile Met Phe Ala Leu Tyr Ser Phe Asn Gly Lys
 1 5 10 15

Arg Lys Gly Lys Asn Thr Tyr Glu Lys Lys Ala Val Pro Trp His Cys
 20 25 30

Leu Phe Ser Met Leu Cys Ala Val Asp Trp Gly His Phe Asn Tyr His
 35 40 45

Val Gln Phe Tyr Gly Leu Phe Met Arg Ser Phe Phe Leu Thr Phe Ser
 50 55 60

Trp Ile Ala Val Lys Gly Lys Tyr Arg Arg Ile Glu Glu Xaa Phe Ser
 65 70 75 80

Xaa Arg Trp Ala Gly Thr Val Pro Pro Trp Ser Met Gly
 85 90

<210> 7915

<211> 75

<212> PRT

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7046

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 1 5 10 15
 Ser Glu Gly Glu Arg Gly Lys Ser Arg Arg Ala Gly Trp Pro Gly Ala
 20 25 30
 Ser Gly Gln Arg Gly Gln Xaa Phe Arg Val Lys Val Phe Arg Met Arg
 35 40 45
 Ala Arg Thr Arg Ser Xaa Leu Arg Val Gly Leu Leu Arg Trp Asn Gly
 50 55 60
 Ala Glu Gly His Gly Leu Thr Gly Glu Glu Thr
 65 70 75

<210> 7916
 <211> 109
 <212> PRT
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<400> 7916

Leu	Cys	Xaa	Val	Gly	Gly	Arg	Gly	Gly	Trp	Arg	Lys	Lys	Trp	Ser	Glu
1				5					10					15	

Leu	Leu	Gly	Xaa	Arg	Ala	Lys	Gly	Pro	Glu	Xaa	Ile	Glu	Ile	Pro	Pro
		20						25					30		

Ser	Trp	Asn	Ala	Gly	Ile	Trp	Pro	Arg	Met	Xaa	Phe	Gly	Gln	Arg	Gly
		35						40					45		

Glu	Glu	Glu	Glu	Val	Ser	Pro	Asp	Ile	Pro	Ser	Leu	Ser	Ile	His	Leu
		50					55					60			

Leu	Thr	Xaa	Lys	Leu	Phe	Thr	Xaa	Xaa	Tyr	Xaa	Ala	Leu	Xaa	Asn	Phe
	65					70					75				80

Ser	Gln	Xaa	Pro	Phe	Xaa	Val	Thr	Phe	Arg	Xaa	Phe	Tyr	Pro	Pro	Phe
				85						90					95

7049

Asn Leu Xaa Xaa Phe Xaa Xaa Phe Leu Xaa Phe Lys Xaa
100 105

<210> 7917

<211> 87

<212> PRT

<213> Homo sapiens

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<400> 7917

7050

Leu Ser Thr Ala Glu Asp Gln Gly Gly Arg Asn Ser Ser Leu Lys Val
 1 5 10 15
 Ala Leu Ser Gly Pro Trp Pro Gly Arg Pro Xaa Ala Phe Leu Val Gly
 20 25 30
 Thr Thr Arg Gly Gln Xaa His Met Val Leu Pro Phe His Leu Cys Trp
 35 40 45
 Pro Pro Pro Gly Gly Ile Xaa Pro Leu Thr Pro Met Leu Glu Gly Gly
 50 55 60
 Ser Val Asn Gly Arg Gly Thr Leu Xaa Ile Xaa Xaa Leu Lys Gly Xaa
 65 70 75 80
 Leu Gly Lys Val Xaa Arg Asn
 85

<210> 7918

<211> 39

<212> PRT

<213> Homo sapiens

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<400> 7918

Cys	Trp	Ser	Leu	Cys	Ala	Leu	Trp	Leu	Leu	Asn	Xaa	Xaa	Xaa	Ala	Xaa
1				5				10						15	

Ser	Trp	His	His	Ile	Leu	Xaa	Thr	Cys	Phe	Leu	Gly	Lys	Phe	Pro	Trp
			20					25					30		

Lys	Asn	Asp	Cys	Xaa	Val	Lys
			35			

<210> 7919

<211> 50

<212> PRT

<213> Homo sapiens

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<400> 7919

Val	Lys	Leu	His	Glu	Lys	Leu	Asn	Met	Leu	Pro	Leu	Phe	Phe	Thr	Leu
1				5				10						15	

Cys	Arg	Gly	Leu	Thr	Leu	Phe	Ser	Ile	Leu	Ala	Cys	Gly	Lys	Leu	Ser
			20					25					30		

Leu	Thr	Tyr	Asp	Leu	Xaa	Ile	His	Ser	Asn	Lys	Val	Thr	Ser	Gln	Met
			35					40					45		

Cys	Leu
	50

<210> 7920

<211> 62

<212> PRT

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7052

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<400> 7920
 Glu Val Ser Ile Ser Val Leu Pro Glu Phe Phe Pro Ser Ser Glu Asp
 1 5 10 15
 Val Thr Asp Xaa Leu Leu Glu Leu Xaa Met Arg Xaa Lys Glu Trp Xaa
 20 25 30
 Leu Lys Ala Phe Gly Leu Lys Xaa Val Xaa Asn Lys Ile Val Ser Gly
 35 40 45
 Phe Tyr Ser Lys Lys Lys Lys Lys Ile Trp Gly Gly Gly Pro
 50 55 60

<210> 7921
 <211> 71
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 <213> Homo sapiens

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MISSING AT THE TIME OF PUBLICATION

7054

<210> 7923

<211> 70

<212> PRT

<213> Homo sapiens

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<400> 7923

Cys	Gln	Glu	Cys	Arg	Leu	Val	Tyr	Val	Pro	Gly	Gly	Gly	Thr	Gln	Arg
1				5					10					15	

Gly	Ala	Pro	Gly	Phe	Pro	Cys	Pro	Pro	Ala	Ala	Leu	Pro	Leu	Phe	Pro
			20					25					30		

Phe	Phe	Pro	Asp	Xaa	Arg	Pro	Glu	Pro	Val	Pro	Xaa	Leu	Xaa	Ile	Asn
		35					40					45			

Leu	Cys	Glu	Ile	Lys	Lys	Lys	Lys	Lys	Lys	Asn	Ser	Gly	Gly	Gly	Pro
	50					55					60				

Val	Pro	Xaa	Trp	Ala	Leu
65					70

<210> 7924

<211> 145

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<400> 7924

Xaa	Pro	Thr	Leu	Tyr	Thr	Ala	Ala	Cys	Arg	His	Gly	Pro	Ala	Phe	Pro
1				5					10					15	

Xaa	Ser	Tyr	Val	Pro	Pro	Arg	Arg	Cys	Thr	Cys	Arg	Thr	Leu	Ile	Arg
			20					25					30		

Xaa	Asp	Trp	Xaa	Ser	Phe	Trp	Xaa	Leu	Phe	Xaa	Xaa	Trp	Val	Cys	Xaa
			35					40				45			

7057

Xaa Cys Xaa Val Leu Val Phe Cys Xaa Ser Leu Xaa Cys Xaa Leu His
 50 55 60
 His Asn Ala Asn Leu Xaa Xaa Leu Gln Ile Ser Met Lys Pro Ala His
 65 70 75 80
 Ser Ala Val Cys Pro Gly His Leu Ala Ser Cys Arg Thr Lys Arg Xaa
 85 90 95
 Cys Thr Pro Leu Arg Ala His Val Val Gly Ala Leu Pro Trp Gln Val
 100 105 110
 Xaa Leu Cys Ser Glu Ala Ile Ser Gly Thr Gly Pro Thr Arg Pro Gln
 115 120 125
 Pro Ser Arg Thr Gly Leu Thr Leu Leu Xaa His Pro Gly Cys Xaa Ser
 130 135 140
 Val
 145

<210> 7925

<211> 29

<212> PRT

<213> Homo sapiens

<220>

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<400> 7925

Met Xaa Leu Ser Ile Thr Lys Ile Thr Gly Tyr Tyr Leu Gln Asp Ile
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Lys Lys His Leu Lys Lys Arg Lys Arg Thr Ile Ser Val
 20 25

<210> 7926

<211> 55

<212> PRT

<213> Homo sapiens

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Asp	Ile	Lys	Ile	Tyr	Ile	Asp	Tyr	Ile	Leu	Lys	Leu	Leu	Asn	Ala	Leu
1					5				10					15	

Ile	Leu	Ala	Thr	Xaa	Xaa	Glu	Ile	Val	Asn	Ser	Phe	Thr	Glu	Ile	Asn
			20					25					30		

Ser	Thr	Asp	Arg	Cys	Arg	Xaa	Arg	Ser	Xaa	Gly	Ser	Arg	Xaa	Val	Phe
		35					40					45			

Ala	Leu	His	Thr	Glu	Trp	Xaa
	50					55

<210> 7927

<211> 105

<212> PRT

<213> Homo sapiens

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<400> 7927
 Ala Arg Gly Glu Ala Ser Xaa Pro Ala Leu Gln Val Arg Gly Trp Arg
 1 5 10 15

Arg Pro Gly Phe Leu Pro Pro Gly Asp Gly Thr Gly Pro Gly Pro Ala

7060

20							25							30						
Pro	Arg	Val	Ala	Pro	Gly	Gly	Pro	Xaa	Pro	Pro	Xaa	Glu	Ser	Trp	Pro					
35							40			45										
Pro	Arg	Ala	Xaa	Thr	Xaa	Pro	Ala	Gly	Arg	Ser	Leu	Asp	Thr	Pro	Xaa					
50			55				60													
Ala	Pro	Gln	Ser	Pro	Ala	Ala	Ala	Pro	Pro	Gly	Met	Ala	Gln	Gly	Pro					
65		70				75							80							
Xaa	Leu	Xaa	Tyr	Gly	Gln	Gln	His	Gly	Asp	Lys	Xaa	Gly	Ser	Tyr	Leu					
85				90							95									
Met	Leu	Gly	Gly	Xaa	Lys	Val	Asp	Gly												
100							105													

<210> 7928

<211> 50

<212> PRT

<213> Homo sapiens

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$\langle 220 \rangle$

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<400> 7928

Ala Glu Val Gln Met Thr Thr Phe Lys Glu Glu Pro Ser Ala Pro Ala
1 5 10 15

Xaa Gln Asp Glu Lys Leu Ser His Leu Ala Leu Ile Leu Pro Gln Glu
20 25 30

Leu Xaa Gln Asp Gln Val Xaa Thr Gly Ser Ala Thr Leu Gln Lys Met
35 40 45

Ser Ser
50

7061

<210> 7929

<211> 46

<212> PRT

<213> Homo sapiens

<400> 7929

Gln Tyr His Ser Asn Ile Ile Trp Ile Arg Ala Phe Ile Leu Gly Arg
1 5 10 15

Lys Thr Val Val Ile Thr Gly Ile Leu Leu Asn Leu Lys Leu Cys Arg
20 25 30

Lys Gln Thr Lys Leu Phe Leu Gly Glu Asn Gln Leu Leu Asp
35 40 45

<210> 7930

<211> 74

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<213> Homo sapiens

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7063

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 <400> 7930
 Pro Ala Arg Lys Ala Gln Ser Ile Leu His Ser Xaa Cys Phe Pro Val
 1 5 10 15
 Leu Xaa Leu Xaa Xaa Arg Xaa Met Gly Val Pro Xaa Lys Thr Phe Ala
 20 25 30
 Val Xaa Pro Xaa Phe Xaa Xaa Xaa Phe Xaa Xaa Lys Phe Asp Arg Leu
 35 40 45
 Asn Tyr Cys Xaa His Ser Leu Phe Leu Gly Leu Xaa Xaa Xaa Xaa Gly
 50 55 60
 Asn Xaa Xaa Arg Ala Asp Ala Xaa Leu Phe
 65 70

 <210> 7931
 <211> 136
 <212> PRT
 <213> Homo sapiens

7064

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7931
 Arg Ile Lys Asp Gly Ser Asp Tyr Leu Lys Arg Asn Leu Ile Ile Ser
 1 5 10 15
 His Asn Gly Asn Arg Lys Lys Lys Thr His Asn Thr Phe Xaa Arg Ser
 20 25 30
 Gly Lys Thr Lys Glu Ser Arg Phe Arg Leu Pro Lys Glu Gly Pro Leu
 35 40 45
 Arg Ser Tyr Leu His Glu Ala Xaa Arg Leu Val Pro Glu Arg Thr Ser
 50 55 60
 Val Gln Val Trp Glu Phe Pro Trp Glu Leu Ala Pro Ser His Ser Pro
 65 70 75 80
 Pro Gln Leu Arg Ser Leu Xaa Gly Leu Pro Leu Leu Gly Ser Ile Ile
 85 90 95
 Leu Asp Lys Pro His Cys Xaa Glu Asn Pro Trp Gly Asp Thr Gly Leu
 100 105 110
 Ala Phe Pro Ala Glu Gly Gln Cys Leu Lys Arg Asn Trp Gly Ser Pro
 115 120 125
 Arg Asp Gln Ile Arg Leu Arg Trp
 130 135

<210> 7932

7065

<211> 150
<212> PRT
<213> Homo sapiens

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<222> (143)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (148)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7932
Arg His Leu Thr Arg Arg Cys Gly Leu Leu His Ala Xaa Val Arg Arg

7066

1 5 10 15
 Pro Leu Tyr Gly Phe Ser Ile Leu Val Glu Ile Leu Ser Pro Trp Pro
 20 25 30
 Phe Gly Val Pro Cys Cys Ile Ser Glu Val Asn Phe Asn Tyr Ser Thr
 35 40 45
 Phe His Gln Cys Trp Ser Gly Lys Lys Lys Glu Glu Gln Ile Trp Gly
 50 55 60
 Glu Lys Phe Cys Phe Leu Gly Leu Thr Asn Cys Lys Met Xaa Lys Ile
 65 70 75 80
 Ala Xaa Met Gly Glu Lys Lys Thr Arg Ala Leu Trp Thr Phe Ala Lys
 85 90 95
 Xaa Phe Ser Arg Ile Thr Cys Phe Ser Xaa Pro His Xaa Val Thr Leu
 100 105 110
 Ile Ser Gly Ser Ser Tyr Val Gly Asp Lys Arg Ser Thr Gly Ser Ser
 115 120 125
 Gly Met Leu Glu Gln Met Val Asp Gln Asn Gly Leu Xaa His Xaa Ser
 130 135 140
 Val Glu Val Xaa Leu Asp
 145 150

<210> 7933

<211> 117

<212> PRT

<213> Homo sapiens

<400> 7933

Asn Trp Val Glu Asp Ser Ser Cys Cys Leu Asn Asn Ala Leu Thr Pro
 1 5 10 15
 Phe Ser Pro Gln Lys Gly Pro Thr Phe Leu Lys Leu Phe Ser Ala Pro
 20 25 30
 Pro His Leu Leu Thr Cys Asn Thr Cys His Asn Arg Lys Pro Val Ser
 35 40 45
 Tyr Thr Val Ile Pro Lys His Ile Ala Pro Thr Arg Gly Glu Arg Glu
 50 55 60
 Gly Leu Ser Glu Glu Arg Gly Gly Gln Ala Phe Gln Lys Leu Glu Gly
 65 70 75 80

7067

Leu Ser Thr Glu Pro Leu Pro Arg Trp Gly Val Pro Thr Pro Lys Pro
85 90 95

Arg Ile Gln Lys Pro Glu Ser Thr Ser Arg His Ser Trp Phe Pro Phe
100 105 110

Ser Cys Ser Cys Trp
115

<210> 7934

<211> 113

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<222> (96)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

$\langle 222 \rangle$ (113)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7934

Gly Ala Ser Xaa Val Ala Leu Glu Gly Trp Leu Gly Gln His Gly Pro
1 5 10 15

Val	Ala	Asn	Pro	Leu	Phe	Trp	Cys	Val	Cys	Val	Cys	His	Leu	Pro	Met
			20					25					30		

Leu Val Ser Ala Pro Arg Arg Thr Trp Arg Gly Pro Gly Arg Lys Cys
35 40 45

Ser Gly Gly Trp Val Ala Gly Pro Asp Gln Ser Ser Val Leu Leu Gly
50 55 60

Asn Trp Cys Trp Arg Ala Arg Ser Glu Glu Ala Glu Gly Val Ala Pro
65 70 75 80

Gly Tyr Glu Gly Val Ser Gly Cys Ser Ser Cys Ser Leu Gly Cys Xaa
85 90 95

7068

Trp Trp Pro Ser Ala Gly Gly Trp Ser Thr Pro Thr Lys Ala Thr Ser
 100 105 110

Xaa

<210> 7935

<211> 50

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7935

Gly Glu Asn Cys Ile Xaa Glu Thr His Asn Val Arg Ile Leu Asp Phe
 1 5 10 15

Tyr Xaa Gln Ile Ile Leu Ser Cys Thr Glu Trp Lys Thr Val Tyr Leu
 20 25 30

Tyr Ile Asn Xaa Cys Xaa Asp Tyr Glu Ser Phe Asn Pro Tyr Pro Leu
 35 40 45

Phe Leu

50

<210> 7936

<211> 49

<212> PRT

7069

<213> Homo sapiens

<400> 7936

Leu Leu His Leu Ile Phe Asn Ile Asp Ile Lys Met Gln Met Asn Gln
1 5 10 15
Ser Phe Cys Asn Glu Asn His Phe Arg Arg Asn Ile Ser Asp Pro Thr
20 25 30
Pro Ser Pro Pro Ala Cys Arg Met Arg Pro Glu Ile Asn Ser Val Ser
35 40 45

Val

<210> 7937

<211> 63

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7937

Arg Ser His Phe Thr Lys Ala Lys Lys His Val Met Ile Tyr Pro Leu
1 5 10 15
Leu Lys Leu Ile Ser Pro Phe Ala Cys Ile Gly His Arg Phe His Gly
20 25 30
Lys Ser Lys Ala Phe Ser Leu Leu Ser Asp Ile Phe Ile Xaa Ser Leu
35 40 45
Asn Tyr Leu Asn Lys Lys Lys Leu Leu Pro Leu Cys Arg Val Lys
50 55 60

<210> 7938

<211> 153

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

7070

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<220>
<221> SITE
<222> (148)
<223> Xaa equals any of the naturally occurring L-amino acids

7071

<400> 7938

Xaa Thr Pro Xaa Ser Gln Xaa Arg Arg Gln Cys Leu Lys Asp Ile Xaa
 1 5 10 15

Xaa Phe Leu Leu Leu Cys Asn Val Ile Leu Trp Ile Met Pro Ala Phe
 20 25 30

Gly Ala Arg Pro His Phe Ser Asn Thr Val Glu Val Asp Phe Tyr Gly
 35 40 45

Tyr Ser Leu Trp Ala Val Ile Ser Xaa His Leu Pro Pro Phe Arg His
 50 55 60

Leu Leu Pro His Ala Arg Cys Val Gln Pro Ala Gly Gly Leu Arg Ala
 65 70 75 80

Val Leu Arg Pro Pro Thr Glu Ala Trp Gly Ala Gly Arg Gly Gly Ser
 85 90 95

Ala His Val Pro Thr Gln Thr Pro Xaa Gly Asn Glu Ser Xaa Leu Val
 100 105 110

Pro Tyr Asp Ser Pro Phe Pro Ser Gly Pro Lys Xaa Glu Phe Ser Gln
 115 120 125

Lys Leu Phe Phe Gln Val Gln Phe Leu Asn His Ser Gln Asp Xaa Pro
 130 135 140

Ile His Pro Xaa Ile Asn Val Gly His
 145 150

<210> 7939

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (12)

7072

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7939

Gly	Leu	Val	Leu	Asp	Arg	Glu	Arg	Thr	Xaa	Xaa	Xaa	Trp	Lys	Tyr	Phe
1				5					10					15	

Glu	Xaa	Val	Ser	Ala
			20	

<210> 7940

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7940

Leu	Trp	Ala	Arg	Gly	Xaa	Gly	Gly	Pro	Gly	Ala	Gly	Ala	Leu	Ser	Ser
1				5					10					15	

Xaa	Leu	Xaa	Ser	Ala	Arg	Ile	Xaa	Ile	Trp	Asn	Met	Leu	Leu	Ser	Tyr
			20					25					30		

Leu

7073

<210> 7941
 <211> 120
 <212> PRT
 <213> Homo sapiens

<220>
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<400> 7941
 Val Ile Asp Thr Leu Ser Asn Pro Gly Ser His Thr Pro Ser Gln Val
 1 5 10 15
 Phe Pro Arg Glu Gln Gln Gln Ile His Gly Leu Ile Ser Val Leu Val
 20 25 30
 Ala Leu Cys Ser Ser Ser Gly Leu Glu Asp Arg Tyr Ser Trp Thr Glu
 35 40 45
 Leu Leu Lys Thr Phe Gln Asn Thr Pro Ser Pro Cys Pro Ala Leu Pro
 50 55 60
 Leu Gly Ser Thr Gly Thr Pro Val Gly Trp His Asn Ile Val Tyr Pro
 65 70 75 80
 Cys Arg Ser Arg Ala Gly Ile Phe Thr Ser Val Xaa Lys Gly Leu Cys
 85 90 95
 Gln Gly Gln Ser Arg Trp Ser Pro Leu Pro Ala Leu Ser His Ile Arg
 100 105 110
 Val Leu Ala Phe His Cys Asp Val
 115 120

<210> 7942
 <211> 128
 <212> PRT
 <213> Homo sapiens

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 <222> (1)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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7074

<222> (6)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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 <222> (122)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7942
 Xaa Leu Glu His Met Xaa Xaa Xaa Arg Pro Ala Ser Lys Cys Leu Gly
 1 5 10 15
 Thr Arg Lys Thr Val Thr Ser Gly Thr Leu Phe Lys Cys Leu Leu Phe
 20 25 30
 Leu Gln His Arg Leu Gly Lys Ser Cys Gln Asp Glu Lys Glu Ser Trp
 35 40 45
 Arg Phe Phe Lys Ser Leu Phe Ala Leu Leu Tyr Phe Gln Val Pro Lys
 50 55 60
 Leu Gly Leu Phe Phe Phe Ser Phe Asn Leu Glu Gly Leu Pro Leu Gly
 65 70 75 80
 Gly Ile Gly Trp Gly Gln Ala Lys Ala Pro Leu Gly Thr Ser Pro Arg
 85 90 95

7075

Lys Met Xaa Leu Lys Gly Val Pro Phe Phe Pro Lys Gly Gly Ser Phe
 100 105 110

Pro Leu Gly Gly Ser Gln Gly Xaa Xaa Xaa Arg Gly Pro Tyr Phe Pro
 115 120 125

<210> 7943

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (21)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7943

Ser Thr Xaa Lys Xaa Gly His Ser Val Glu Lys Ile Gly His Ser Cys
 1 5 10 15

7076

Thr His Xaa His Xaa His Phe Asp His Val Val Leu Asn Lys Ser Thr
 20 25 30

Asp His Asn Glu Thr Leu Arg Xaa Ser Xaa Arg Leu Pro Leu
 35 40 45

<210> 7944

<211> 59

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7944

Ile Gly Lys Pro Leu His Thr Cys Val Pro Val Glu His Phe His His
 1 5 10 15

Leu Gln Phe Phe Leu Asn Ile Ser Thr Val Leu Asn Thr Cys Glu Gln
 20 25 30

Val Thr Trp Glu Phe Xaa His Gly Arg Val Ser Ser Lys Glu Glu Ser
 35 40 45

Ser Arg Ser Ser Trp Val Thr His Tyr Gln Leu
 50 55

<210> 7945

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

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<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

7077

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7945

Ala	Leu	Xaa	Asp	Pro	Ser	Leu	Arg	Thr	Ile	Val	Xaa	Tyr	Trp	Tyr	Ile
1				5					10					15	

Trp	Phe	Tyr	Met	Arg	Thr	Leu	Asn	Xaa	Tyr	Tyr	Xaa	Ala	Ser	Lys	Ile
			20					25					30		

Tyr Lys

<210> 7946

<211> 31

<212> PRT

<213> Homo sapiens

<400> 7946

Gln	Cys	Gly	Gly	Lys	Glu	Val	Arg	Pro	Gly	Met	Glu	Lys	Gly	Gly	Val
1				5					10					15	

Ser	Glu	Ile	Ser	Gly	Gly	Cys	Arg	Gly	Pro	Ala	Met	Leu	Lys	Val	
			20					25					30		

<210> 7947

<211> 27

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

7078

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7947

Xaa	Xaa	Lys	Xaa	Leu	Xaa	Arg	Thr	Gly	Ile	Ile	Lys	Thr	Val	Thr	Glu
1				5					10					15	

Pro	Leu	Tyr	Glu	Val	Lys	Arg	Asn	Met	Ile	Thr
			20					25		

<210> 7948

<211> 24

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7948

Ser	Xaa	Tyr	Trp	Ile	Leu	Phe	Gly	Met	Ser	Ile	Lys	Val	Tyr	Xaa	Tyr
1				5					10					15	

Val	Xaa	Thr	Asp	Leu	Arg	Lys	Lys
			20				

<210> 7949

<211> 34

<212> PRT

<213> Homo sapiens

<220>

7079

<221> SITE
<222> (9)
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<220>
<221> SITE
<222> (28)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (29)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (31)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7949
Tyr Gln Glu Asp Val Met Ile Asn Xaa Pro Ile Pro Met Pro Cys Asp
1 5 10 15
Tyr Ser Thr Met Thr Asp Tyr Ala Leu Leu Met Xaa Xaa Ala Xaa Ser
20 25 30

Leu Trp

<210> 7950
<211> 52
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (37)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7950
Asn Leu His Arg Asn Val Cys Lys Ile Cys Ile Cys Ile Ile Leu Ala
1 5 10 15
Ser Ile Cys Tyr Pro Pro Ser Cys Thr Gln Lys Ser Phe Pro Pro Tyr
20 25 30
Val Ile Ser Asn Xaa Gln Val Gln Ile Lys Ser Ser Cys Lys Leu Trp
35 40 45

7080

Phe Ser Phe Ser
50

<210> 7951
<211> 17
<212> PRT
<213> Homo sapiens

<220>
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<222> (9)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (10)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (13)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7951
Gly Glu Arg Phe Cys Leu Tyr Phe Xaa Xaa Ser Ser Xaa Ser Gly Xaa
1 5 10 15

Ile

<210> 7952
<211> 20
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE

7081

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7952

Xaa	Cys	Arg	Glu	His	Ile	Cys	Ile	Asn	Ile	Gly	Gln	Leu	Xaa	Phe	Xaa
1				5				10					15		

Trp	Arg	His	Ile
			20

<210> 7953

<211> 86

<212> PRT

<213> Homo sapiens

<400> 7953

Ala	Glu	Leu	Ala	Leu	Ser	Phe	Phe	Cys	Ile	Arg	Leu	Ile	Tyr	Phe	Cys
1				5				10					15		

Ser	Gln	Met	Trp	Ala	Asp	Ser	His	His	Ser	Gly	Leu	Pro	Ser	Pro	Ala
			20					25					30		

Val	Arg	Arg	Ser	Gly	Arg	Gln	Ser	Arg	Ser	Pro	Phe	Cys	Arg	Ile	Pro
			35				40					45			

Ile	Asn	Ile	Ile	Glu	Asp	Gly	Cys	Ile	Phe	Lys	Ala	Lys	Ile	Asp	Cys
	50					55				60					

Gly	Tyr	Arg	Ser	Tyr	Gly	Val	Ile	Tyr	His	Gly	Glu	Tyr	Tyr	Leu	Asp
65					70					75				80	

Leu	Gly	Cys	Thr	Arg	Leu
					85

<210> 7954

<211> 71

<212> PRT

<213> Homo sapiens

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7082

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7954

Gly	Xaa	Ser	Lys	Gly	Arg	Ala	Ser	Ser	Ser	Gly	Asn	Gln	Glu	Ser	Ser
1				5					10					15	

Gly	Gln	Ser	Cys	Ile	Ile	Leu	Leu	Phe	Asp	Val	Ile	Lys	Ser	Ala	Ile
			20					25					30		

Arg	Tyr	Glu	Lys	Thr	Ile	Ser	Glu	Ala	Trp	Ile	Lys	Ala	Ile	Glu	Asn
		35					40					45			

Thr	Ala	Ser	Val	Ser	Glu	His	Lys	Val	Cys	Ile	Xaa	Phe	Ile	Xaa	Ile
	50					55					60				

Phe	Asn	Asp	Cys	Ile	Leu	Val
65					70	

<210> 7955

<211> 49

<212> PRT

<213> Homo sapiens

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<400> 7955

Asp Asp Ile Ala Gly Val Asp Lys Thr Ala Cys Xaa Arg Gln Glu Asp

1

5

10

15

Gly Glu Lys Lys Phe Ser Lys Ala Gly Met Gly Lys Cys Xaa Pro Gly

20

25

30

Leu Asn Xaa Lys Gly Leu Tyr Gln Pro Gln Xaa Arg Xaa Trp Thr Leu

35

40

45

Cys

<210> 7956

<211> 46

<212> PRT

<213> Homo sapiens

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<400> 7956

Phe Asp Ser Arg Val Glu Pro Val His Ala Val Phe Ile Phe Tyr Leu

1

5

10

15

Arg Ile Val Glu Tyr Val Thr Asn Val Ser Ser Ala Arg Leu Ala Ser

20

25

30

Arg Leu Pro Val Glu Xaa Gln Ile Xaa Gly Met Asn Val Asn

35

40

45

7084

<210> 7957

<211> 31

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7957

Ser Cys Arg Ile Arg His Glu Gly Ser Glu Ala Pro Ala Ser Gly Cys

1

5

10

15

Asn Gly Ala Leu Xaa Asn Asn Gln Arg Glu Ala Xaa Ala Asn Xaa

20

25

30

<210> 7958

<211> 127

<212> PRT

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7085

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<400> 7958

Gly	Asn	Ser	Glu	Tyr	Leu	Gln	Leu	Ala	Ser	Val	Thr	Asp	Ser	Thr	Gln
1				5					10					15	

Val	Asn	Val	Pro	Arg	Cys	Leu	His	Phe	Ser	Gly	Val	Gly	Lys	Val	Arg
			20					25					30		

Gln	Ala	Ala	Cys	Gly	Gly	Thr	Gly	Cys	Ala	Val	Leu	Asn	Gly	Xaa	Gly
	35						40					45			

His	Val	Phe	Val	Trp	Gly	Tyr	Gly	Ile	Leu	Gly	Lys	Gly	Pro	Asn	Leu
	50					55					60				

Val	Glu	Ser	Ala	Val	Pro	Glu	Met	Ile	Pro	Pro	Thr	Leu	Phe	Gly	Leu
65					70					75					80

Thr	Glu	Phe	Asn	Pro	Xaa	Ile	Gln	Val	Ser	Arg	Ile	Arg	Cys	Gly	Leu
				85					90					95	

Ser	His	Phe	Ala	Ala	Leu	Thr	Asn	Lys	Gly	Glu	Leu	Phe	Val	Trp	Gly
			100					105					110		

Lys	Asn	Ile	Xaa	Xaa	Val	Pro	Gly	Asn	Xaa	Phe	Ala	Leu	Lys	Asp	
	115						120					125			

<210> 7959

<211> 133

<212> PRT

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<400> 7959

Ala	Thr	Ser	Gln	Pro	Arg	Arg	Arg	Pro	Lys	Arg	Gly	Ala	Arg	His	Gln
1				5					10					15	

Ser	Pro	Arg	Cys	Leu	Ser	Pro	Gly	Gly	Ala	Pro	Glu	Arg	Phe	Leu	Ser
			20					25					30		

Gln	Gln	Ser	His	Ser	Ala	Cys	Ala	Cys	Leu	Ser	Val	Ser	Pro	Thr	Leu
		35					40					45			

Arg	Trp	Lys	Lys	Asn	Phe	Pro	Arg	Ala	Gly	Arg	Thr	Ala	Ala	Pro	Pro
	50					55					60				

Leu	Ser	Asp	Ser	Gly	Ser	Phe	Gly	Cys	Ser	Xaa	Leu	Cys	Ala	Pro	Phe
65						70				75					80

Gln	Arg	Ile	Ile	Glu	Ile	Val	Asn	Phe	Asn	Asn	Pro	Glu	Gln	Ala	Asn
				85					90					95	

Glu	Ala	Leu	Leu	Ser	Arg	Pro	Glu	Leu	Lys	Leu	Pro	Arg	Ser	Val	Xaa
		100						105					110		

Xaa	Xaa	Glu	Arg	Cys	Leu	Leu	Gly	Leu	Gln	Xaa	Ser	Glu	Leu	Cys	Pro
		115					120					125			

Xaa	Gly	Ser	Glu	Gly
	130			

<210> 7960

<211> 58

7087

<212> PRT
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<400> 7960
Val Thr Met Ala Xaa Ala Asn Gly Ala Arg Gly Lys Thr Gly Xaa Arg
1 5 10 15

7088

Thr Gly Asn Pro Pro Xaa Leu Pro Xaa Pro Ile Leu Asn Leu Glu Val
 20 25 30

Lys Phe Thr Xaa Ile Phe Ile Ile Asn Gly Xaa Ala Arg Xaa Pro Xaa
 35 40 45

Leu Gly Lys Lys Phe Ala Thr Xaa Asn Pro
 50 55

<210> 7961

<211> 140

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<400> 7961
 Pro Asp Pro Glu His Arg Pro Asp Ile Phe Gln Val Ser Tyr Phe Ala
 1 5 10 15
 Phe Lys Phe Ala Lys Lys Asp Cys Pro Val Ser Asn Ile Asn Asn Ser
 20 25 30
 Ser Ile Pro Ser Ala Leu Pro Glu Pro Met Thr Ala Ser Glu Ala Xaa
 35 40 45
 Ala Arg Lys Ser Gln Ile Lys Ala Arg Ile Thr Asp Thr Ile Gly Pro
 50 55 60
 Thr Glu Thr Ser Ile Ala Pro Arg Gln Xaa Pro Lys Ala Asn Ser Ala
 65 70 75 80
 Thr Thr Ala Thr Pro Xaa Val Leu Thr Ile Gln Ser Ser Ala Thr Pro
 85 90 95
 Val Lys Xaa Leu Ala Pro Xaa Glu Phe Xaa Asn His Arg Pro Lys Gly
 100 105 110
 Ala Leu Arg Pro Gly Asn Gly Pro Glu Ile Leu Leu Gly Gln Gly Pro
 115 120 125
 Pro Gln Xaa Xaa Ala Gln Xaa His Arg Xaa Leu Gln
 130 135 140

<210> 7962
 <211> 55
 <212> PRT
 <213> Homo sapiens

7090

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<400> 7962
Xaa Gly Arg Ala Phe Pro Arg Glu Gly Arg Xaa Xaa Ser His Ala Tyr
1 5 10 15

Xaa Arg Ser Phe Cys Xaa Gly Arg Thr Asp Val Pro Gly Ser Ser Pro
20 25 30

7091

Cys Arg Asn His Xaa Ala Leu Arg Thr Pro Phe Thr Val Tyr Leu Xaa
 35 40 45

Tyr Ile Xaa Xaa Cys Lys Thr
 50 55

<210> 7963

<211> 106

<212> PRT

<213> Homo sapiens

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<400> 7963

Arg Gly Glu Thr Arg Glu Met Ala Gly Asn Leu Leu Ser Gly Ala Gly
 1 5 10 15

Arg Arg Leu Trp Asp Trp Val Pro Leu Ala Cys Arg Ser Phe Ser Leu
 20 25 30

Gly Val Pro Arg Leu Ile Gly Ile Arg Leu Thr Leu Pro Pro Pro Lys
 35 40 45

Val Val Asp Arg Trp Asn Glu Lys Arg Ala Met Phe Xaa Xaa Tyr Asp
 50 55 60

Asn Ile Gly Ile Leu Gly Asn Phe Glu Lys His Pro Lys Glu Leu Ile
 65 70 75 80

Arg Gly Pro Ile Trp Leu Arg Gly Trp Lys Gly Asn Glu Leu Gln Arg
 85 90 95

Cys Ile Pro Lys Arg Lys Met Xaa Gly Lys
 100 105

7092

<210> 7964

<211> 79

<212> PRT

<213> Homo sapiens

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<400> 7964

Phe	Leu	Ser	Phe	Gln	Gly	Cys	Pro	Val	Gln	Leu	His	Lys	Thr	Ser	Cys
1				5					10					15	

Ile	Leu	Gly	Ile	Ser	Tyr	Leu	His	Leu	His	Tyr	Tyr	Leu	Pro	Met	Cys
			20					25					30		

Cys	Leu	Xaa	Lys	Trp	Val	Tyr	Ser	Ala	Thr	His	Leu	Val	Ser	Pro	Gln
		35						40				45			

Cys	Ser	Thr	Gln	Cys	Val	Ser	Leu	Ile	Lys	Leu	Ala	Leu	Leu	Pro	Cys
	50					55					60				

Gln	Tyr	Tyr	Ile	Gln	Xaa	Xaa	Trp	Ser	Leu	Ala	Xaa	Trp	Gln	Xaa	
65						70					75				

<210> 7965

7093

<211> 126
<212> PRT
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7095

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<400> 7965

Ser	Lys	Cys	Lys	His	His	Arg	Asp	Pro	Phe	Tyr	Thr	Glu	Gln	Asp	Cys
1				5					10					15	

Thr	Ala	Ser	Cys	Ala	Thr	Pro	Ser	Phe	Ser	Ile	Ser	Thr	Pro	Ser	Ser
			20					25					30		

Asn	Ser	Lys	Ser	Arg	Thr	Thr	Asp	Arg	Cys	Leu	Phe	Leu	Phe	Gly	Asp
		35					40					45			

Met	Gly	Xaa	Xaa	Ile	Phe	Cys	Ser	Ile	Leu	Cys	Phe	Ser	Pro	Ile	Pro
	50					55					60				

Leu	His	Xaa	Val	Gly	Val	Xaa	His	Ser	Ile	Xaa	Xaa	Trp	Xaa	Gly	Phe
65					70					75					80

Arg	Asp	Trp	Val	Xaa	Pro	Lys	Asn	Xaa	Xaa	Gly	Xaa	Xaa	Phe	Xaa	Lys
			85						90					95	

Lys	Lys	Lys	Lys	Phe	Xaa	Gly	Gly	Gly	Pro	Xaa	Xaa	Xaa	Trp	Ala	Xaa
			100					105					110		

Xaa	Gly	Gly	Xaa	Xaa	Ala	Xaa	Xaa	Gly	Gly	Gly	Gly	Gly	Cys
	115							120				125	

<210> 7966

<211> 118

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

7096

<222> (65)

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<400> 7966

Trp	Gly	Trp	Arg	Thr	His	Leu	Asn	Met	Trp	Asn	Pro	Asn	Ala	Gly	Gln
1				5					10					15	

Pro	Gly	Pro	Asn	Pro	Tyr	Pro	Pro	Asn	Ile	Gly	Cys	Pro	Gly	Gly	Ser
			20					25					30		

Asn	Pro	Ala	His	Pro	Pro	Pro	Ile	Asn	Pro	Pro	Phe	Pro	Pro	Gly	Pro
		35					40				45				

Cys	Pro	Pro	Pro	Pro	Gly	Ala	Pro	His	Gly	Asn	Pro	Ala	Phe	Pro	Pro
	50					55					60				

Xaa	Gly	Ala	Pro	His	Pro	Val	His	Ser	Gln	Gly	Ile	Gln	Asp	Ala	Xaa
65					70					75					80

Arg	Trp	Val	Leu	Pro	Ser	Pro	Tyr	Gln	Arg	Cys	Pro	Gly	Ile	Leu	Cys
				85					90					95	

Glu	Ser	Leu	Val	Trp	His	Val	Asp	His	Met	Ile	Val	Asp	Lys	Arg	Xaa
		100						105					110		

Glu	Lys	Met	Lys	Lys	Ser
		115			

<210> 7967

<211> 45

<212> PRT

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7097

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<400> 7967
Xaa Arg Thr Arg Gly Leu Gly Glu Thr Ala Ala Xaa Ala Gly Arg Gly
1 5 10 15
Thr Ala Ile Phe Ala Gly Xaa Xaa Pro Pro Ala Asp Xaa Lys Lys Cys
20 25 30
Ala Gly Ser Arg Arg Ala Xaa Gly Leu Ala Leu Gly Leu
35 40 45

<210> 7968
<211> 58
<212> PRT
<213> Homo sapiens

<220>
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7098

<400> 7968

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Pro Leu Tyr Leu Leu His Asn Glu Leu Thr Arg Asn Asn Phe Ala Arg
 1             5             10             15

Arg Ala Lys Ala Lys Thr Pro Glu Thr Arg Arg Ala Thr Xaa Glu Gln
          20             25             30

Leu Lys Glu His Thr Arg Leu Cys Cys Lys Ile Val Gly Lys Ile Tyr
          35             40             45

Arg Leu Xaa Arg Gln Thr Tyr Arg Ala Trp
 50             55

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<210> 7969

<211> 61

<212> PRT

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<400> 7969

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Asp Pro Arg Asn Gln Thr Ser Tyr Leu Arg Thr Ala Xaa Arg Ala His
 1             5             10             15

Pro Ser Met Leu Gln Asn Met Gly Lys Ile Tyr Arg Leu Arg Arg Thr
          20             25             30

Asn Leu Pro Ser Leu Val Ile Leu Val Val Pro Arg Xaa Asn Leu Ile
          35             40             45

Ser Thr Phe Asn Leu Pro Xaa Asn Pro Leu Ile Pro Cys
 50             55             60

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<210> 7970

7099

<211> 30

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<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7970

Asn	Leu	Lys	Leu	Thr	Leu	Asn	Leu	Pro	Gln	Asn	Pro	Ser	Lys	Ser	Leu
1				5				10					15		

Gly	Asn	Leu	Thr	Gly	Ser	Pro	Lys	Arg	Asn	Ser	Xaa	Trp	Thr
			20				25					30	

<210> 7971

<211> 121

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

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7100

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (119)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7971

Asp	Ile	Lys	Leu	Ile	Asp	Thr	Val	Xaa	Pro	Arg	Val	Phe	Phe	Phe	Phe
1				5					10					15	

Phe	Ser	Phe	Phe	Xaa	Phe	Phe	Phe	Glu	Met	Glu	Ser	His	Ser	Val	Ala
			20					25					30		

Gln	Ala	Gly	Tyr	Leu	Arg	Thr	Cys	Asn	Pro	Met	Ser	Arg	Asn	Val	Gly
		35					40					45			

Thr	Pro	Phe	Met	Ala	Val	Asn	Leu	Pro	Val	Leu	Arg	Ser	Leu	Tyr	Lys
	50					55					60				

Ser	Leu	Asn	Pro	Lys	Gly	Xaa	Asn	Pro	Ile	Xaa	Pro	Leu	Val	Ser	Phe
65					70					75					80

Ser	Val	Ala	Phe	Ala	His	Trp	Leu	Trp	Lys	Gln	Gly	Ser	Phe	Phe	Leu
				85					90					95	

Leu	Gly	Tyr	Leu	Trp	Ile	Trp	Gly	Ser	Val	Xaa	Cys	Ala	Xaa	Xaa	Gly
			100					105					110		

Asn	Xaa	Phe	Gln	Ala	Trp	Xaa	Arg	His
	115						120	

<210> 7972

<211> 167

<212> PRT

<213> Homo sapiens

<220>

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7101

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7102

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<223> Xaa equals any of the naturally occurring L-amino acids

7103

<220>

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<222> (162)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7972

Xaa Ser Pro Gly Gly Ala Xaa Gly Gly Lys Ile Asn Arg Pro Arg Thr
 1 5 10 15

Val Thr Val Trp Gly Pro Arg Thr Phe Phe Pro Gln Ala Phe Leu Ser
 20 25 30

Pro Xaa Ile Ser His Glu Met Gly Xaa Val Lys Gly Pro Gly Leu Pro
 35 40 45

Gly Gly Gly Ala Pro Xaa Ala Ala Ser Pro Leu His Leu Asn Ser Xaa
 50 55 60

Leu Xaa Pro Arg Gln Glu Leu Lys Lys Lys Leu Phe Lys Arg Arg Arg
 65 70 75 80

Val Leu Asn Arg Glu Arg Arg Leu Arg His Arg Val Val Gly Ala Val
 85 90 95

Ile Asp Gln Gly Leu Ile Gln Xaa Ala Pro Xaa Gln Glu Ala Gly Val
 100 105 110

Pro Leu Gln Val Ala Lys Xaa Asn Ile Xaa Lys Glu Glu Xaa Xaa Lys
 115 120 125

Ile Leu Pro Ala Ile Pro Xaa Xaa Pro Glu Xaa Glu Gly Ser Leu Gly
 130 135 140

Ile Gly Ser Pro Phe Lys Ala Xaa Gln Xaa Xaa Xaa Gln Xaa Lys Arg
 145 150 155 160

Lys Xaa Gly Lys Ala Pro Ser
 165

<210> 7973

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

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7104

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<220>
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 <222> (36)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7973
 Val Ser Ser Asp Glu Arg Xaa Val Asn Xaa Asn Glu Thr Cys Xaa Xaa
 1 5 10 15
 Xaa Lys Leu Ser Gln Val Arg Gln Ser Tyr Pro Ile Phe Leu Xaa Val
 20 25 30
 Val Arg Leu Xaa Gly Asn Ser His Cys His Ile Ile Phe Lys Gly Ile
 35 40 45

<210> 7974
 <211> 85
 <212> PRT
 <213> Homo sapiens

7105

<220>

<221> SITE

<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7974

Glu	Pro	His	Arg	Val	Arg	Arg	Met	Cys	Ile	His	Trp	Asp	Ala	Ser	Gly
1				5					10					15	

Arg	Asp	Val	Glu	Ser	His	Lys	Arg	Gln	Gly	Gly	Leu	Gln	His	Arg	Glu
		20						25					30		

Trp	Pro	Ser	Ser	His	Gly	Val	Thr	Gly	Leu	Cys	Ala	Gly	Val	Val	Trp
		35					40					45			

Pro	Gly	Ile	Val	Ser	Gly	Ser	Ser	Asp	Gly	Met	Lys	Arg	Ala	Ala	Pro
	50					55					60				

Arg	Leu	Glu	His	Met	Glu	Gly	Asp	Glu	Cys	Xaa	Ala	Glu	Ala	Glu	Gly
65					70					75					80

Gly	Ala	Ala	Glu	Ser
				85

<210> 7975

<211> 106

<212> PRT

<213> Homo sapiens

<220>

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<222> (93)

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<220>

<221> SITE

<222> (94)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (95)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7975

Glu	Val	Ser	Glu	Ser	Arg	Asn	Leu	Glu	Lys	Lys	Asp	Val	Glu	Thr	Thr
1				5					10					15	

Ser	Ser	Val	Ser	Val	Lys	Arg	Lys	Arg	Arg	Leu	Glu	Asp	Ala	Phe	Ile
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7106

	20		25		30										
Val	Ile	Ser	Asp	Ser	Asp	Gly	Glu	Glu	Pro	Lys	Glu	Glu	Asn	Gly	Leu
	35					40					45				
Gln	Lys	Thr	Lys	Thr	Lys	Gln	Ser	Asn	Arg	Ala	Lys	Cys	Leu	Ala	Lys
	50					55					60				
Arg	Lys	Ile	Ala	Gln	Met	Thr	Glu	Glu	Glu	Gln	Phe	Ala	Leu	Ala	Leu
	65				70					75					80
Lys	Met	Ser	Glu	Gln	Glu	Ala	Arg	Glu	Val	Asn	Ser	Xaa	Xaa	Xaa	Glu
				85					90					95	
Glu	Glu	Glu	Leu	Leu	Arg	Lys	Ala	Ile	Ala						
	100							105							

<210> 7976

<211> 78

<212> PRT

<213> Homo sapiens

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<222> (9)

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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7107

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7976
 Gly Thr Lys Val Gly Thr Ser Pro Xaa Val Leu Ala Xaa Leu Glu Leu
 1 5 10 15
 Val Asp Pro Pro Gly Xaa Arg Asn Ser Ala Arg Asp Xaa Glu Gln Leu
 20 25 30
 His Asp Cys Leu Gln Val Ala Thr Ala Trp Met Gln Xaa Ala Gly Glu
 35 40 45
 Asp Arg Arg Leu Gly Gly Ser Pro His Arg Gly Gln Gly Ala Xaa Gly
 50 55 60
 Gln Xaa Xaa Xaa Pro Arg Thr Trp Xaa Pro Tyr Phe Pro Val
 65 70 75

 <210> 7977
 <211> 63
 <212> PRT
 <213> Homo sapiens

 <220>
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7108

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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (55)
<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (62)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (63)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7977
Ile Arg Xaa Pro Xaa Ser Ser Val Gln Val Gly Gly Trp Leu Val Val
1 5 10 15
Xaa Ser Glu Ala Glu Xaa Ala Gly Thr Arg Gly Ser Gly Pro Arg Glu
20 25 30
Leu Ser Xaa Xaa Ser Pro Pro Tyr Leu Leu Pro Val Thr Val Arg Ile
35 40 45
Met Ala Leu Leu Thr Leu Xaa Thr Trp Ala Ser Ser Thr Xaa Xaa

7109

50

55

60

<210> 7978

<211> 48

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7978

Xaa	Cys	Arg	Ile	Trp	Ile	Gly	Leu	Ile	Pro	Asn	Ser	Ala	Cys	Leu	Leu
1				5					10					15	

Xaa	Asn	Leu	Xaa	Met	Val	Lys	His	Leu	His	Xaa	Met	His	Lys	Met	Tyr
			20					25					30		

Gly	Tyr	Asn	Asn	Val	Tyr	Met	Asp	Met	Ile	Tyr	Phe	Ile	Ser	Leu	Leu
		35					40					45			

<210> 7979

<211> 63

<212> PRT

<213> Homo sapiens

<400> 7979

Leu	Ala	Ala	Leu	Arg	Ser	Ser	Leu	Leu	Arg	Val	Tyr	Phe	Asn	Leu	Ala
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7110

1	5	10	15
Phe Lys Ala Val Val Thr Ala Pro Pro Lys Val Leu Lys Ala Ile Phe	20	25	30
Gly Ala Tyr Cys Thr Val Val Leu Leu Gln Ile Phe Ser Tyr Gly	35	40	45
Arg Met Val Phe Ser Ser Cys Lys Ser Leu Glu Leu Ile Leu Arg	50	55	60

<210> 7980

<211> 78

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7980

Met	Thr	Phe	Pro	Ser	Asn	Ser	Glu	Val	Ile	Phe	Leu	Lys	Glu	Xaa	Leu
1				5					10					15	

Val	Asn	Xaa	Xaa	Ala	Gly	Phe	Phe	His	Thr	Asn	Xaa	Pro	Xaa	Pro	Gly
		20						25				30			

Lys	Lys	Lys	Pro	Lys	Pro	Pro	Leu	Xaa	Lys	Lys	Pro	Xaa	Leu	Phe	Leu
		35					40					45			

Gly	Glu	Lys	Ile	Pro	Pro	Lys	Gly	Gly	Lys	Lys	Xaa	Pro	Phe	Asn	Gln
	50					55					60				

Asn	Trp	Ala	Pro	Xaa	Gly	Xaa	Gly	Gly	Gly	Gly	Asn	Xaa	Leu
65					70					75			

<210> 7981

<211> 50

<212> PRT

<213> Homo sapiens

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7112

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<400> 7981
Pro Lys Asn Val Ser Tyr Asn Val Ser Leu Lys Asn Lys Gln Lys Arg
1 5 10 15
Xaa Leu Pro Lys Thr Lys Ile Xaa Gln Met Ile Phe Xaa Gly Xaa Leu
20 25 30
Gly Phe Xaa Phe Ser Val Leu Ile Gly Ser Thr Ala Leu Xaa Thr Gly
35 40 45
Ile Leu
50

<210> 7982
<211> 62
<212> PRT
<213> Homo sapiens

<220>
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7113

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<400> 7982
 Ile Ser Leu Ile Asn Leu Leu Glu Xaa Ile Gly Leu Lys Lys Lys Xaa
 1 5 10 15
 Val Asn Gly Lys Asn Leu Lys Lys Tyr Phe Xaa Xaa Xaa Gln Leu Phe
 20 25 30
 Tyr Tyr Xaa Glu Tyr Pro Thr Gly Phe Phe Lys Xaa Val Ala Pro Pro
 35 40 45
 Phe Phe Pro Leu Xaa Pro Leu Gly Xaa Val Lys Lys Phe Pro
 50 55 60

7114

<210> 7983
 <211> 103
 <212> PRT
 <213> Homo sapiens

<220>
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<400> 7983
 Gly Asn Asp Leu Pro Ile Pro Leu Pro Cys Tyr Ser Xaa Thr Pro Cys
 1 5 10 15

Val Ser Leu Ala Ser Gly Gly Xaa Met Phe Glu Glu Lys Glu Leu Cys
 20 25 30

Gln Glu Ser Gly Asp Arg Val Tyr Gly Xaa Gly Phe Leu Leu Gly Met
 35 40 45

Leu	Phe	Val	Ala	Phe	Trp	Ala	Ser	Xaa	Met	Glu	Thr	Xaa	Thr	Leu	Glu
50			55			60									
Pro	Xaa	Xaa	Trp	Asn	Ser	Pro	Pro	Asn	Pro	Pro	Ile	Phe	Leu	Lys	Ile
65			70			75			80						
Tyr	Phe	Pro	Leu	Leu	Phe	Leu	Ala	Phe	Lys	Thr	Cys	Tyr	Ser	Phe	Phe
85			90			95									
Gly	Lys	Ile	Leu	Thr	Asn	Phe									
100															

Val Phe Phe Leu Val Tyr Lys Asn Gln Cys Leu Tyr Lys Cys Cys Ser
1 5 10 15

7116

Gly Phe Gln Tyr Asn Arg Trp Leu Gly Phe Leu Glu Gln Arg Val Phe
 20 25 30

Gly Phe Leu Phe Phe Leu Gly
 35

<210> 7986

<211> 56

<212> PRT

<213> Homo sapiens

<220>

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<222> (48)

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<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7986

Glu Asn His Phe Ser Lys Cys Leu Lys Asn Tyr Phe Leu Asp Leu Phe
 1 5 10 15

Phe Phe Ser Phe Pro Asn Lys Leu Trp Leu His Thr Lys Thr Val Thr
 20 25 30

Glu Pro Tyr Glu Ser Arg Thr Xaa Leu Pro Arg Lys Thr Asn Tyr Xaa
 35 40 45

Xaa Phe Ser Pro Glu Xaa Lys Leu
 50 55

<210> 7987

<211> 145

7117

<212> PRT
<213> Homo sapiens

<220>
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7118

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (133)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7987

Arg	Xaa	Thr	Thr	Phe	Glu	Lys	Ser	Leu	Leu	Met	Gly	Xaa	Glu	Phe	Gln
1				5				10						15	

Arg	Arg	Ala	Xaa	Ala	Met	Met	Leu	Arg	Ala	Ala	Val	Leu	Arg	Asn	Xaa
		20					25					30			

Ile	His	Val	Lys	Ser	Pro	Pro	Xaa	Lys	Arg	Thr	Xaa	Gly	Asn	Leu	Leu
		35					40					45			

His	Gln	His	Xaa	Ser	Arg	Met	Asn	Thr	Asn	Met	Xaa	Arg	Val	Asn	Leu
	50					55					60				

Ala	Ser	Lys	Thr	Ser	Ala	Pro	Pro	Pro	His	Leu	His	Gly	Thr	Arg	Asn
65					70					75					80

Ser	Arg	Arg	Ser	Xaa	Leu	Pro	Ala	Ala	Thr	Lys	Gly	Pro	Xaa	His	Gly
				85					90					95	

Xaa	Pro	Pro	Xaa	Leu	Phe	Ser	Ser	Leu	Gly	Leu	Lys	Lys	Gln	Xaa	Phe
			100					105					110		

Tyr	Phe	Cys	Leu	Pro	Gly	Lys	Lys	Ser	Ser	Xaa	Ser	Thr	Phe	Cys	Phe
		115					120					125			

7119

Phe Pro Gly Thr Xaa Val Ala Pro Ala Met Asp Ile Pro Asn Leu Phe
130 135 140

Pro
145

<210> 7988
<211> 37
<212> PRT
<213> Homo sapiens

<400> 7988
Leu Lys Ser Ile Phe Phe Ile Lys Leu Ile Leu Ile Val Phe Glu Ile
1 5 10 15
Ile Ile Gln Phe Thr Tyr Gly Arg Gly Ile Ser Ile Leu Met Thr Ser
20 25 30
Lys Asn Val Thr Asn
35

<210> 7989
<211> 33
<212> PRT
<213> Homo sapiens

<400> 7989
Gln Asp Tyr Trp Lys Phe Val Ile Met Asn Glu Thr Phe Cys His Ile
1 5 10 15
Arg Phe Ile Phe Thr Ser Tyr Thr Phe Asp Lys Val Arg His Gly Cys
20 25 30
Gly

<210> 7990
<211> 52
<212> PRT
<213> Homo sapiens

<220>
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<222> (29)

7120

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7990

Ala Gly Ala Ala Ala Val Leu Pro Ile Thr Arg Gly Glu Ala Arg Pro

1

5

10

15

Gly Glu Val Gln Ala Leu Ala Glu Val Thr Ala Ala Xaa Leu Glu Pro

20

25

30

Arg Thr Leu Ser Ala Pro Lys His Ser Val Pro Tyr Leu Gln His Leu

35

40

45

Ser Pro Ile Val

50

<210> 7991

<211> 74

<212> PRT

<213> Homo sapiens

<220>

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7991

Gln Gly Glu Ser Thr Gly Asp Met Ser Leu Ile Arg Tyr Arg Val Cys

1

5

10

15

Leu Gln Gly Val His Ser Leu Met Arg Asn Arg Asn Phe Ser Leu Val

20

25

30

Pro Lys Thr Leu Lys Tyr Lys Val Leu Gln Xaa Val Pro Cys Ile Met

35

40

45

7121

Phe Pro Ser Xaa Ile Thr Arg Asn Ser Met Glu Lys Lys Cys Xaa Met
 50 55 60

Leu Thr Ile Asp Leu Xaa Ile Glu Ser Pro
 65 70

<210> 7992

<211> 28

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7992

Pro Met Gly Ser Pro Ala Pro Gly Gly Thr Cys Cys Asn Xaa Asn Lys
 1 5 10 15

Cys Gly Xaa Met Arg Asp Asp His Val Tyr Pro Pro
 20 25

<210> 7993

<211> 28

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7993

Phe Glu Thr Ser Xaa Phe Pro Ser Lys Lys Met Lys Lys Phe Leu Asp
 1 5 10 15

7122

Gly Pro Ile Pro Pro Pro Pro Pro Gln Xaa Ala Leu
 20 25

<210> 7994

<211> 37

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7994

Asn Pro Asn Ala Ser Arg Asn Arg Ser Gly Xaa Pro Gly Ser Thr His
 1 5 10 15

Ala Ser Asp Phe Xaa Val Phe Xaa Met Pro Ile Ser Thr Gly Gly Phe
 20 25 30

Leu Lys Ile Val Lys
 35

<210> 7995

<211> 51

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

7123

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7995

Ala	Gln	Ile	Gln	Pro	Ala	Pro	Ala	Ala	Pro	Gly	Thr	Glu	Glu	Leu	Thr
1				5					10					15	

Glu	Ala	Pro	Val	Gln	Gly	Leu	Leu	Leu	Pro	Leu	Leu	Phe	Pro	Ser	Val
			20					25					30		

Cys	Pro	Gly	Pro	Gly	Ala	Arg	His	Gly	Gly	Gly	Gly	Glu	Ala	Xaa	Xaa
		35					40					45			

Xaa	Gly	Xaa
	50	

<210> 7996

<211> 82

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

7124

<400> 7996

Leu Xaa Leu Thr Lys Leu Asn Xaa Ile Arg Gly Glu Xaa Ala Xaa Val
 1 5 10 15

Thr Ala Leu Gly Gln Gly Tyr Pro Gly Pro Gly Glu Ile Ser Arg Gly
 20 25 30

Ser Gly Pro Thr Arg Pro Pro Thr Arg Pro Gly Glu Glu His Phe Ala
 35 40 45

Tyr Val Leu Lys Val Cys Ile Gly Val Arg Gly Ala Leu Tyr Met Gly
 50 55 60

Thr Ser His Lys Thr Gly Asp Tyr Phe Leu Ile Ile Leu Asn Phe His
 65 70 75 80

Pro Glu

<210> 7997

<211> 35

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7997

Pro Asn Ala Gly Glu Pro Ile Arg Xaa Pro Gly His Pro Arg Xaa His
 1 5 10 15

7125

Lys Leu His Val Xaa Glu Ile Ser Xaa Gly Ala Leu Ile Lys Phe Ser
 20 25 30

Asp Pro Asn
 35

<210> 7998

<211> 66

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7998

Xaa Asn Cys Leu Ile Thr Trp Cys Val Leu Arg Asn Leu Thr Ser Thr
 1 5 10 15

7126

Pro Val Asn Ser Leu Gln Leu Asn Ser Lys Asn Ser Xaa Ala Arg Lys
20 25 30

Phe Ser Thr Phe Ser Ala His Glu Thr Phe Ala Pro Xaa Glu Ser Tyr
35 40 45

Asp Tyr Leu Lys Thr Ser Gly Leu Ala Met Phe Ile Xaa Xaa Xaa Xaa
50 55 60

Arg Leu
65

<210> 7999

<211> 45

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7999

7127

Phe Xaa Phe Thr Glu Leu His Leu Ile Arg Gly Lys Lys Gly Trp Val
 1 5 10 15

Tyr Arg Pro Leu Ala Arg Xaa Tyr Pro Gly Ser Arg Xaa Ile Ser Arg
 20 25 30

Gly Ser Glu Xaa His Val Xaa Leu Gly Lys Lys Lys Xaa
 35 40 45

<210> 8000

<211> 83

<212> PRT

<213> Homo sapiens

<400> 8000

Gly Gly Asp Leu Gly Glu Ser Val Arg Lys Thr Glu Lys Gly Arg Thr
 1 5 10 15

Gly Pro Pro Leu Pro Pro Ile Pro Gly Pro Gly Pro His Ser Leu Leu
 20 25 30

Cys His Asn Gln Leu Arg Tyr Pro Arg Ser Asp Tyr Pro His Ser Leu
 35 40 45

Phe Glu Gln Leu Phe Ile Glu Gln Leu Glu Tyr Val Ser Leu Cys Gln
 50 55 60

Leu Leu Ala Arg Ser Arg Lys Tyr Gln Met Ser Glu Ile Ile Gly His
 65 70 75 80

Tyr Pro Trp

<210> 8001

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

7128

<220>
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<220>
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<220>
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 <222> (24)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (32)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8001
 Xaa Arg Arg Gly Gly Lys Lys Xaa Xaa Gly Arg Ser Gln Val Pro Pro
 1 5 10 15
 Xaa Arg Lys Arg Gly Arg Gly Xaa Pro Gly Ser Thr His Ala Ser Xaa
 20 25 30

Ser

<210> 8002
 <211> 131
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (128)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8002
 Val Pro Ser Gly Gly Arg Pro Thr His Thr Ser Ala Asp Ser Pro Ala
 1 5 10 15
 Arg Gln Lys Arg Pro Pro Ala Gly Pro Ala Ser Arg Ser Arg Gly Cys
 20 25 30

Leu Gln Gly Gly Gln Ala Gln His Pro Gly Val Leu Arg Leu Leu Phe

7129

35 40 45
 Ile Ser His His Arg Gln Ala Arg Arg Val Ala Pro Lys Arg Thr Pro
 50 55 60
 Gly Arg Ala Ser Pro Ser Pro His Gly Asp Pro Pro Pro Ala Lys Gly
 65 70 75 80
 Gly Ala Pro Gly Pro Arg Gln Trp Ser Asp His Gln Val Arg Gly Ile
 85 90 95
 Ser Gln Gly Leu Glu Pro Asp Ser Trp Ser Ser Gly Ser Gly Pro Pro
 100 105 110
 His Ala Gly Cys Lys Ser Thr Gln Glu Thr Trp Lys Ala Ser Leu Xaa
 115 120 125
 Pro Asn Leu
 130

<210> 8003

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8003

Gln Xaa Ala Ile Cys Phe Ile Gly Ile Val Phe Ile Gly Lys Asp Glu
 1 5 10 15
 Phe Ile Pro Glu Ser Ile Glu Tyr Leu Leu Gly Tyr Leu Ile Leu Leu
 20 25 30
 Ile Leu Gly Thr Glu Pro Phe Ala Ala His Cys Thr Ser Gly Asn Ser
 35 40 45

<210> 8004

<211> 43

<212> PRT

<213> Homo sapiens

7130

<220>
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<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
<221> SITE
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (40)
<223> Xaa equals any of the naturally occurring L-amino acids

7131

<400> 8004

Leu Xaa Xaa Phe Leu Leu Ala Xaa Leu His Trp Leu Val Pro Xaa Arg
 1 5 10 15

Xaa Xaa Ile Glu Xaa Gly Ile Met Asp Xaa Leu Asp Leu Phe Pro Xaa
 20 25 30

Ser Trp Gly Lys Leu Leu Ile Xaa Ile Ile Lys
 35 40

<210> 8005

<211> 23

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8005

Ala Leu Gly Thr Ile Gln Xaa Ala Ile Xaa Trp Ser Asn Xaa Met Arg
 1 5 10 15

Ile Lys Gly Asn Ala Cys Thr
 20

<210> 8006

<211> 37

<212> PRT

<213> Homo sapiens

<400> 8006

Trp Ile Tyr Gln Arg Ser Gln Ile His Phe Phe Gln Asn Leu Lys Thr
 1 5 10 15

Lys Gly His His Glu Cys Thr Gln Lys Leu Gly Gln Val Tyr Tyr Ile

7132

20

25

30

Trp Asp Phe His Leu
35

<210> 8007

<211> 20

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8007

Lys Thr Val Glu Cys Xaa Xaa Thr Ile Leu Pro Arg Phe Leu Xaa Xaa
1 5 10 15

His Leu Lys Xaa
20

<210> 8008

<211> 17

<212> PRT

<213> Homo sapiens

7133

<220>
 <221> SITE
 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (7)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (10)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (17)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8008
 Asp Thr Xaa Ser Lys His Xaa Lys Thr Xaa Asn Thr Thr Val Asn Lys
 1 5 10 15

Xaa

<210> 8009
 <211> 47
 <212> PRT
 <213> Homo sapiens

<400> 8009
 Gly Leu Phe Trp Pro Phe Pro Arg Glu Cys Leu Pro Leu Tyr Leu Pro
 1 5 10 15

Gly Pro Ile Asp Lys Asp Val Leu Pro Cys Arg Arg Leu Ala Ser Ile
 20 25 30

Thr Ala Cys Pro Leu Leu Cys Pro Leu Gln Pro Pro Leu Thr Leu
 35 40 45

<210> 8010
 <211> 82
 <212> PRT
 <213> Homo sapiens

7134

<400> 8010

Gly Glu Ile Ser Ser Leu Asn Gly Asp Leu Lys Thr Leu Gly Leu His
 1 5 10 15

Tyr Val His Asn Gly Ser Ala Ser Phe Ile Met Gln Lys Ser Leu Pro
 20 25 30

Leu Leu Lys Ile Pro Val Ala Ala Ala Cys Arg Gly Leu Val Ala Ser
 35 40 45

Cys Leu Leu Gly Thr Glu Gln Glu Leu His Ser Pro Ala Trp Ser Lys
 50 55 60

Leu Trp Pro Arg Asp Arg Gly Pro Lys Ser Gln Pro Pro Ser Tyr Thr
 65 70 75 80

Gly Ala

<210> 8011

<211> 40

<212> PRT

<213> Homo sapiens

<400> 8011

Ser Leu Ala Phe Pro Ser Leu Ser His Arg Thr Tyr Pro Ser Pro Arg
 1 5 10 15

Lys Cys Pro Ser Leu Ala Ser Ala Cys Pro Ser Glu Ser Ala Phe Phe
 20 25 30

Ala Leu Asn Ile Ser Thr Leu Tyr
 35 40

<210> 8012

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

7135

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8012

Lys	Arg	Gly	Arg	Ser	Ser	Arg	Xaa	Xaa	Tyr	Thr	Asp	Xaa	Tyr	Xaa	Gly
1				5					10				15		

Asn	Asp	Trp	Ser	Xaa	Leu	Xaa	Val	Leu	Gly	Pro	Leu	Ile	Xaa	Gly	Ser
			20					25					30		

Thr

<210> 8013

<211> 92

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (81)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7136

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (91)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (92)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8013

Arg	Val	Ser	Pro	Gly	Pro	Trp	Pro	Gly	Trp	Gly	Trp	Gly	His	Arg	Ser
1				5				10						15	

Ala	Gln	Ser	Arg	Arg	Arg	Pro	Gly	Phe	Leu	Gly	Ser	Val	Leu	Ser	Ser
			20					25					30		

Gln	Phe	Leu	Ala	Leu	Cys	Thr	Leu	Lys	Pro	Ser	Leu	Val	Val	Glu	Leu
		35					40					45			

Ala	Arg	Asp	Leu	Leu	Glu	Phe	Leu	Gly	Ser	Val	Asn	Gly	Leu	Cys	Ser
	50					55					60				

Arg	Ala	Ser	Leu	Val	Thr	Ser	Val	Val	Trp	Ala	Ile	Gly	Glu	Ser	Cys
65					70					75					80

Xaa	Asp	Leu	Arg	Ser	Gly	Gly	Ala	Pro	Xaa	Xaa	Xaa
			85						90		

<210> 8014

<211> 60

<212> PRT

<213> Homo sapiens

<400> 8014

Gly	Ser	Ser	Tyr	Pro	Gly	Arg	Ser	Arg	Ala	Arg	Cys	Pro	Leu	Gln	Thr
1				5					10					15	

Ser	Ala	Val	Tyr	Gly	Cys	Glu	Tyr	Val	Ala	Val	Leu	Gly	Ser	Cys	Glu
		20						25					30		

Phe	Val	Ile	Leu	Asp	Val	Leu	His	Cys	Pro	Arg	Gly	Pro	Lys	Lys	Asp
		35					40					45			

Gly	Lys	Arg	Ser	Pro	Ser	Ala	Leu	Val	Leu	Asn	Met
50						55					60

7137

<210> 8015

<211> 63

<212> PRT

<213> Homo sapiens

<400> 8015

Lys Ala Ser Cys Phe Pro Ile Pro Leu His Glu Gly Asn Asp Tyr Asn
1 5 10 15

Ile Ser Tyr Val Tyr Phe Gln Ile Asn Phe Thr Tyr Leu Ile Ala Tyr
20 25 30

Val Leu Lys Ile Phe Ser Thr Asn Arg Ile Ile Ile Leu Ile Leu Leu
35 40 45

Ser Phe Ser Tyr Cys Ile Leu Leu Phe Leu Leu His Asp Phe Ser
50 55 60

<210> 8016

<211> 16

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8016

Ala His Ala Ser Xaa His Ala Ser Glu Lys Lys Lys Xaa Gly Asn Phe
1 5 10 15

<210> 8017

<211> 37

<212> PRT

<213> Homo sapiens

7138

<220>

<221> SITE

$\langle 222 \rangle$ (2)

<223> Xaa equals any of the naturally occurring L-amino acids

$\langle 220 \rangle$

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

$\langle 220 \rangle$

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

 $\langle 220 \rangle$

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

$\langle 220 \rangle$

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8017

Gln Xaa Arg Lys Arg Thr Pro Glu Asp Arg Pro Glu Asn Pro Gly Arg
1 5 10 15

Pro	Thr	Arg	Pro	Phe	Ser	Xaa	Asn	Xaa	Ser	Thr	Phe	Asn	Trp	Xaa	Gln
			20					25					30		

Arg Lys Xaa Lys Glu
35

<210> 8018

<211> 34

<212> PRT

<213> Homo sapiens

<400> 8018

Glu Lys Asn Asp Ile Ile Ser Thr Tyr Tyr Ile Val Gly Ser Leu Tyr
1 5 10 15

Thr Lys Val Ile Val Met Arg Lys Asn Gly Leu Gly Ile Leu Phe Lys
20 25 30

Ile Asn

7139

<210> 8019
<211> 67
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (17)
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (50)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (60)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<400> 8019
Phe Arg Phe Cys Leu Cys Gly His Phe Lys Thr Cys Val Thr Tyr Ile
1 5 10 15

Xaa Thr Phe Ile Leu Leu Tyr Phe Val Ser Pro Pro Thr Xaa Asn Phe
20 25 30

7140

Phe Cys Phe Leu Lys Asn Asp Ser Leu Thr Pro Gln Gln Xaa Lys Val
35 40 45
Ile Xaa Tyr Thr Tyr Ile Ser Ile Phe Val Ile Xaa Lys Ser Asn Pro
50 55 60
Xaa Ser Xaa
65

<210> 8020

<211> 63

<212> PRT

<213> Homo sapiens

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7141

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<400> 8020
Val Glu Asn Xaa Thr Ile Gly Phe Xaa Trp Xaa Ala Xaa Arg Tyr Arg
1 5 10 15
Ser Gly Ile Pro Gly Ser Thr His Ala Phe Xaa His Ala Phe Xaa Glu
20 25 30
His Leu Leu Val Gln Ala Asp Xaa Pro Asn Thr Xaa Gly Lys Gly Gly
35 40 45
Asn Glu Arg Pro Gly Val Gln Xaa Ser Ile Leu Asn Xaa Leu Cys
50 55 60

<210> 8021
<211> 16
<212> PRT
<213> Homo sapiens

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<220>
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<400> 8021

7142

Ala Ala Met Leu Pro Glu Ala Ser Phe Xaa Xaa Pro Xaa Arg Ala Thr
1 5 10 15

<210> 8022

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<400> 8022

Phe Gly Met Pro Xaa Gly Thr Ser Ala Gly Thr Gly Pro Glu Phe Pro
1 5 10 15

Gly Arg Pro Thr Arg
20

<210> 8023

<211> 60

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

7143

<220>

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<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8023

Ala	Phe	Asn	Glu	Ser	Arg	Ser	Ile	Glu	Glu	Asn	Lys	Xaa	Phe	Gln	Leu
1				5					10					15	

Met	Asp	Phe	His	Met	Glu	Val	Gly	Glu	Thr	Asn	Asn	Xaa	Ile	Xaa	Pro
			20					25					30		

His	Thr	Thr	Tyr	Lys	Ser	Asn	Trp	Arg	Cys	Xaa	Ile	His	Gln	Asn	Leu
		35					40					45			

Lys	Val	Lys	Asp	Ile	Lys	Xaa	Phe	Lys	Asp	Thr	Leu
	50				55						60

<210> 8024

<211> 51

<212> PRT

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<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8024

Xaa	Arg	Gln	Ala	Leu	Ile	Arg	Leu	Thr	Ile	Trp	Lys	Xaa	Gly	Thr	Pro
1				5					10					15	

Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Pro	Leu	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7144

20 25 30

Leu Ser Xaa Asn Ile Asp Lys Leu Pro Gly Xaa Lys Glu Asn Ile Gly

35 40 45

Leu Ile Val

50

<210> 8025

<211> 22

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8025

Glu Lys Ile Arg Val Phe Lys Ala Gly Pro Arg Gly Arg Ser Arg Gly
1 5 10 15

Lys Xaa Trp Xaa Ala Xaa
20

<210> 8026

<211> 115

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

$\langle 222 \rangle$ (106)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8026

Gly Val Gly Gly Arg Asp Pro Val Pro Asp Thr Gly Glu Glu Ile Pro

7145

1 5 10 15
Ser Leu Val Phe Met Leu Pro Val Arg His Cys Leu Leu Asp Ile Ile
 20 25 30
Ile Pro Thr Leu Cys Ser Phe Val Ser Gln Ile Gln Tyr Ile Val Lys
 35 40 45
Ala Ser Trp Ser Phe Phe Asn Ile Ser His Leu Cys His Ser Leu His
 50 55 60
Ser His Lys Pro Gln Gln Leu Leu Lys Val Leu Leu Asp Pro Leu Leu
65 70 75 80
Pro Val Phe Glu Ile Phe Leu Ala Tyr Asp Cys Leu Ile Thr Phe Leu
 85 90 95
Lys Ser Ser Ser Leu Ala Tyr Ser Arg Xaa His Arg Gly Leu Leu Trp
 100 105 110
Cys Ile Arg
 115

<210> 8027

<211> 34

<212> PRT

<213> Homo sapiens

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<222> (10)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8027

7146

Gly Pro Pro Gly Lys His Leu Gly Lys Xaa Pro Xaa Gly Pro Ser Arg
1 5 10 15

Asp Arg Thr Gly Arg Pro Xaa Pro Thr His Val Phe Xaa Pro Phe Lys
20 25 30

Thr Lys

<210> 8028

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8028

Ala Thr Lys Asn Xaa Ser Gly Thr Ser Lys Ala Arg His Lys Val Gln
1 5 10 15

Ile Pro Ala Arg Arg His Gln Thr Glu Ala Asn Ser Cys Ala Ser Lys
20 25 30

Pro Thr

<210> 8029

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

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7147

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8029

Xaa	Phe	Pro	Val	Arg	Phe	Thr	Xaa	Pro	Thr	Arg	Gly	Ser	Pro	Arg	Glu
1				5				10					15		

Ser	Trp	Val	Arg	Xaa	Gly	Lys	Ala	Thr	Pro	Glu	Xaa	Glu	Ala	Gly	Ser
		20						25					30		

Pro	Arg	Xaa	Pro	Asp
		35		

<210> 8030

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8030

Asp	Arg	Tyr	Thr	Cys	Gln	Arg	Pro	Ser	Ala	Arg	Xaa	Phe	Arg	Xaa	Leu
1				5				10				15			

Pro	Phe	Leu	Ser	Arg	His	Val	Arg	Arg	Leu	Ser	Pro	Xaa	Ala	Leu	Asn
		20						25					30		

7148

Arg Gly Leu Pro
35

<210> 8031

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8031

Tyr	Ile	Phe	Asn	Xaa	Asn	Thr	Ala	Pro	Leu	His	Thr	Leu	Xaa	Asn	Val
1				5					10					15	

Gly	Asp	Xaa	Ile	Ser	Glu	Leu	Gly	Lys	Asn	Leu	Lys	Lys	His	Ile	Arg
			20					25					30		

<210> 8032

<211> 40

<212> PRT

<213> Homo sapiens

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7149

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<220>
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 <222> (40)
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<400> 8032
 Pro Xaa Xaa Ala Thr Val Xaa Pro Gly Pro Val Arg Arg Arg Ser Arg
 1 5 10 15
 Ser Xaa Glu Arg Arg Ser Ala Pro Ala Gly Ala Xaa Gly Pro Ser Ala
 20 25 30
 Ser Val Leu Thr Xaa Pro Xaa Xaa
 35 40

<210> 8033
 <211> 69
 <212> PRT
 <213> Homo sapiens

<400> 8033
 Gly Ala Tyr Leu Ala Asn Ser Thr Leu Asn Leu Ser Ala Trp Lys Leu
 1 5 10 15

7150

Leu Met Gln Cys Pro Arg Trp Arg Lys Val Arg Val Asp Pro Glu Glu
 20 25 30
 Pro Arg Glu Asp Val Gln His Gly Asp Leu Gly Ser Ser Gln Gly Pro
 35 40 45
 Tyr Phe Ser Asp Phe Trp Ser Glu Asn Thr Ser Ser Gly Lys Ser Pro
 50 55 60
 Leu Thr His Pro Gly
 65

<210> 8034

<211> 67

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8034

Xaa Xaa Xaa Lys Ser Ile Met Lys Gln Gln Lys Ser Thr Pro Leu Leu
 1 5 10 15

Gly Leu Asp Asn Glu His Gly Ile Ser Pro Lys Leu Val Ala Trp Asn
 20 25 30

7151

Gly Ser Ile Phe Ala Cys Val Ile Leu Xaa Ser Tyr Ser Gln Lys Glu
 35 40 45

Ile Phe Arg Asn Ser Val Phe His Leu Ala Gly Xaa Ala Val Ile Leu
 50 55 60

Leu Cys Asn
 65

<210> 8035

<211> 31

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (17)

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<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8035

Pro Ser Gln Pro Lys Thr Xaa Asn Val Glu Pro Glu Asp Xaa Arg Ser
 1 5 10 15

Xaa His Val His Xaa Met Glu Ile Cys Ala Tyr Leu Tyr Ile Lys
 20 25 30

<210> 8036

<211> 69

<212> PRT

<213> Homo sapiens

7152

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<222> (53)
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<400> 8036
Leu Tyr Leu Phe Gln Leu Leu Ile Phe Cys Cys Cys Leu Ile Phe Leu
1 5 10 15
Ala Cys Leu Leu Val Glu Leu Tyr Ile Arg Ser His Ser Lys Lys Ala
20 25 30
Asn Ser Lys Thr Pro Lys Glu Tyr Tyr Arg Leu Asn Tyr Arg Arg Gln
35 40 45
Ile Pro Ser Leu Xaa Trp Glu Asn Gly Leu Glu Gly Arg Asn Val Ala
50 55 60
Arg Val Pro Gln Lys
65

<210> 8037
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8037

Gly	Arg	His	Val	Xaa	Asp	Xaa	Xaa	Gly	Pro	Arg	Pro	Arg	Arg	Asp	Xaa
1				5				10						15	

Asn	Ser	Xaa	Phe	Arg	Pro	Xaa	Ala	Leu	Tyr	Pro	Xaa	Gly	Xaa	Lys	Pro
			20					25					30		

Gln

<210> 8038

<211> 47

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

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7154

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8038

Gln	Asn	Ile	Asn	Ala	Tyr	Asn	Leu	Gly	Gly	Thr	Xaa	Arg	Gly	Lys	Gly
1				5					10					15	

Ala	Pro	Asn	Pro	Xaa	Phe	Gly	Asp	Xaa	Ser	Lys	Tyr	Xaa	Gln	Lys	Cys
			20					25					30		

Ile	Pro	Leu	Met	Glu	Thr	Ile	Thr	Leu	Ile	Asn	Ala	Xaa	Ile	Tyr
			35					40					45	

<210> 8039

<211> 91

<212> PRT

<213> Homo sapiens

<220>

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<400> 8039
Xaa Cys Arg Thr Gly Arg Asn Ser Arg Val Asp Pro Cys Val Arg Ala
1 5 10 15
Xaa Leu Asn Lys Thr Asn Lys Asn Val Lys Xaa Glu Gln Xaa Thr Glu
20 25 30
Ser His Lys Ala Asp Xaa Thr Xaa Ala Xaa Xaa Thr Xaa Thr Leu Gly
35 40 45
Ser Gly Tyr Lys Gly Xaa Lys Asp Tyr Val Asp Pro Trp Gly Leu Cys
50 55 60

7156

Lys Tyr Leu Pro His Lys Ser Cys Cys Xaa Lys Thr Gly Gly Leu Gly
 65 70 75 80

Xaa Asn Leu Xaa Ile Lys Glu Phe Ala Thr His
 85 90

<210> 8040

<211> 61

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

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<221> SITE

<222> (28)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8040

Glu Lys Ile Gly Xaa Ser Arg His Arg Lys Pro Tyr Ser Thr Val Val
 1 5 10 15

Leu Ser Lys Lys Ala Leu Leu Ile Cys Gly Cys Xaa Leu Gln Lys Gln
 20 25 30

Leu Gln Val Xaa Ser Trp Phe Thr Cys Pro Phe Arg Ser Ile Asn Leu
 35 40 45

Ile Gly Xaa Ala Glu Ala Gly Ala Ile Xaa Ile Gln Val
 50 55 60

7157

<210> 8041
<211> 64
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8041
Leu Leu Ile Lys Asn Xaa Leu Cys Leu Arg Glu Ile Tyr Ala Phe Leu
1 5 10 15
Lys Ser Thr Ser Glu His Val Pro Arg Ser Ser His Arg Phe Cys Leu
20 25 30
Val Gly Thr Gly Lys Phe Ser Arg Lys Tyr Xaa Leu Cys Val Met Thr
35 40 45
Xaa Gln Tyr Cys Gln Ser Ala Met Xaa Tyr Phe Ala Phe Phe Tyr Pro
50 55 60

<210> 8042
<211> 40
<212> PRT
<213> Homo sapiens

7158

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<222> (9)
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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (38)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (40)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8042
Xaa Xaa Ser Gln Ser Glu Asp Ala Xaa Thr Ala Glu Glu Thr Glu Ala
1 5 10 15
Glu Arg Xaa Ala Pro Arg Leu Ala Leu Pro Ala Pro Ala Ala Ala Ser
20 25 30
Gly Gly Pro Pro Lys Xaa Arg Xaa
35 40

<210> 8043
<211> 69
<212> PRT
<213> Homo sapiens

<220>
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<222> (6)
<223> Xaa equals any of the naturally occurring L-amino acids

7159

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8043
Leu Tyr Trp Ile Thr Xaa Xaa Thr Glu Thr Gln Thr His Tyr Asp Asp
1 5 10 15
Asn Leu Thr Leu Leu Glu Glu Xaa Xaa Asp Asn Leu His Ala Xaa His
20 25 30
Asn Xaa Ile Ser Gly Thr Trp His Met His Ser Ser Met Glu His Xaa
35 40 45

7160

Leu Ala Leu Pro Leu Ser Phe Lys Ala Gln Gly Thr Xaa Thr Ile Thr
50 55 60

Val Lys Pro Xaa Pro
65

<210> 8044

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

<221> SITE

<222> (44)

7161

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8044

Asn	Xaa	Pro	Gly	Xaa	Leu	Ile	Xaa	Val	Glu	Lys	Arg	Xaa	Trp	Gly	Thr
1				5					10					15	
Pro	Leu	Ala	Gly	Val	Thr	Pro	Gly	Ser	Pro	Gly	Ile	Phe	Pro	Gly	Gly
			20					25					30		
Ser	Xaa	Pro	Xaa	Xaa	Gly	Pro	Ala	Phe	Ile	Ser	Xaa	Met	Ile	Gly	Lys
		35					40					45			

<210> 8045

<211> 35

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8045

Lys	Xaa	Ala	Thr	Ala	Xaa	Arg	Ser	Leu	Asn	Gly	Glu	Trp	Leu	Leu	Cys
1				5					10					15	
Leu	Val	Ser	Gly	Ile	Phe	Lys	Pro	Gly	Ala	Glu	Arg	Gly	Ala	Gly	Gly
			20					25					30		
Xaa	Asp	Phe													
		35													

<210> 8046

<211> 52

7162

<212> PRT
<213> Homo sapiens

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<400> 8046
Xaa Ser Xaa Lys Gly Pro Gly Pro Gly Pro Lys Gly Pro Pro Gly Pro
1 5 10 15
Gly Gly Pro Lys Gly Gly Ala Pro Lys Gly Gly Phe Leu Arg Gly Lys
20 25 30
Ala Gln Arg Xaa Leu Ser Lys Pro Pro Asn Trp Xaa Gly Xaa Asn Trp
35 40 45
Xaa Arg Gly Lys
50

<210> 8047
<211> 56
<212> PRT

7163

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8047

Pro	Lys	Leu	Val	Leu	Leu	Glu	Ala	Thr	Thr	Ser	Thr	Glu	Thr	Leu	Lys
1				5					10					15	

Asn	Ile	Pro	Ser	Ser	Met	Leu	Arg	Leu	Thr	Phe	Asp	Thr	Gly	Met	Gly
			20					25					30		

Ile	Ser	Ile	Trp	Ser	Tyr	Leu	Ser	Cys	Val	Thr	Xaa	Gln	Leu	Tyr	His
		35					40					45			

Ser	His	Cys	Gln	Glu	Val	Leu	Xaa
	50					55	

<210> 8048

<211> 24

<212> PRT

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7164

<400> 8048

Pro Ser Xaa Ala Asn Ser Arg Asn Leu Trp Phe Phe His Arg Ala Val
1 5 10 15

Leu Xaa Xaa Thr Ser Met Xaa Gln
20

<210> 8049

<211> 18

<212> PRT

<213> Homo sapiens

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<400> 8049

Ala His Xaa Leu Leu Ser Ile Pro Glu Ser Trp Phe Leu Phe Ile Thr
1 5 10 15

Glu Xaa

<210> 8050

<211> 50

<212> PRT

<213> Homo sapiens

<400> 8050

Ala Ala Trp Ala Ala Ala Ser Cys Gln Pro Pro Pro Pro Arg Pro Cys
1 5 10 15

Leu Arg Arg Thr His Lys Asn His Ala Ser Phe Leu Pro Gln Pro Leu
20 25 30

Met Glu Ser Ser Ala Arg Ser Ala Thr Lys Pro Arg Lys Met Ile Leu
35 40 45

Ala Cys

50

7165

<210> 8051
<211> 33
<212> PRT
<213> Homo sapiens

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<400> 8051
Glu Pro Xaa Arg Arg Xaa Arg Ser Asn Ile Xaa Thr Ile His Asn Gly
1 5 10 15
Xaa Ala Lys Asn Ile Asn Glu Ile Leu Tyr Ile Arg Asn Xaa Gln Ala
20 25 30

Leu

<210> 8052
<211> 29
<212> PRT
<213> Homo sapiens

<220>

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<400> 8052
Leu Pro Glu Leu Thr Thr Thr Leu Leu Xaa Xaa Leu Xaa Thr Asp Ala
1 5 10 15
Pro Ser Thr Leu Ser Asp Xaa Gly Asn Ala Asn Tyr Ile
20 25

<210> 8053
<211> 33
<212> PRT
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<400> 8053
Met Thr Thr Tyr Gly Glu Tyr Ser Xaa Asn Ser His Asp Pro His Tyr
1 5 10 15

7167

Gly Arg Gln Thr His Xaa Leu Trp Glu Thr Leu Met Gly Xaa Cys Lys
 20 25 30

Lys

<210> 8054

<211> 25

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8054

Gly Leu Gly Ser Ala Xaa Ala Lys Thr Glu Trp Leu Asp Ala Lys His
 1 5 10 15

His Xaa Leu Ala His Ser Thr Phe Xaa
 20 25

<210> 8055

<211> 127

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<222> (108)

7168

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8055

Pro	Thr	Arg	Pro	Val	Arg	Ser	Arg	Phe	Ser	Arg	Gly	Gly	Arg	Arg	Trp
1				5					10					15	

Arg	Glu	Arg	Ala	Pro	Glu	Ser	Leu	Arg	Ala	Arg	Trp	Gly	Gly	Ala	Gly
			20					25					30		

Glu	Ser	Gly	Arg	Pro	Glu	Asp	Val	Gly	Val	Tyr	Val	Trp	Lys	Ser	Gly
		35					40					45			

Arg	Val	Leu	Leu	Phe	Val	Arg	Ala	Phe	Glu	Asn	Cys	Leu	Pro	Leu	Ser
	50					55					60				

Glu	Glu	Ser	Thr	Arg	Asn	Leu	Pro	Ser	Ser	Ala	Gly	Ser	Pro	Ala	Leu
65					70					75					80

Ser	Ser	Pro	Thr	Gln	Ala	Ser	Val	Gly	Glu	Val	Gly	Ser	Ala	Pro	Asp
				85					90					95	

Pro	Arg	Leu	Glu	Leu	Leu	Pro	Arg	Xaa	Pro	Met	Xaa	Thr	Lys	Xaa	Ala
		100						105					110		

Xaa	His	Glu	Pro	Pro	Ala	Trp	Asp	Pro	Val	Ala	Pro	Ile	Xaa	Pro	
		115					120					125			

<210> 8056

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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7169

<222> (17)
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<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8056
Glu Glu Ile Asp Lys Val Lys Ala Ser Leu Tyr Ile Ser Phe Trp Glu
1 5 10 15
Xaa Xaa Ser Xaa Xaa Xaa
20

<210> 8057
<211> 52
<212> PRT
<213> Homo sapiens

<220>
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<400> 8057
 Gly Gly Gly Val Lys Lys Arg Ala Leu Trp Gly Phe Lys Pro Gly Pro
 1 5 10 15
 Xaa Trp Ala Gln Arg Gly Phe Xaa Pro Pro Gly Val Ser Pro Arg Gly
 20 25 30
 Xaa Lys Phe Phe Pro Pro Gly Gly Gly Phe Pro Gly Asn Xaa Pro Asn
 35 40 45
 Arg Xaa Xaa Phe
 50

<210> 8058
 <211> 17
 <212> PRT
 <213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

7171

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8058

Gly	Leu	Xaa	Leu	Asp	Xaa	Glu	Arg	Pro	Xaa	Phe	Leu	Gly	Val	Arg	Xaa
1				5					10					15	

Thr

<210> 8059

<211> 75

<212> PRT

<213> Homo sapiens

<220>

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<400> 8059

Glu	Xaa	Pro	Glu	Gly	Leu	Arg	Pro	Leu	Leu	Arg	Gly	Ser	Gly	Ala	Trp
1				5					10					15	

Arg	Asp	Gly	Pro	Pro	Pro	Thr	Leu	Tyr	Pro	Pro	Thr	Pro	Glu	Glu	Asp
			20					25					30		

Gly	Gly	Lys	Lys	Ile	Thr	Leu	Pro	Ala	Cys	Ser	Pro	Ala	Ala	Phe	Leu
		35					40					45			

Leu	Phe	Pro	Leu	Phe	Val	Leu	Ser	Ser	Pro	Cys	Pro	Leu	Ser	Ser	Arg
	50					55					60				

Arg	Arg	Gly	Gly	Val	Ala	Thr	Gly	Leu	Pro	Val
65					70				75	

<210> 8060

<211> 66

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

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7172

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<222> (60)
<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8060
Leu Gly Glu Phe Trp Phe Trp Phe Phe Lys Ile Phe Xaa Thr Gln Asn
1 5 10 15
Asp Phe Ser Cys Phe Leu Leu Leu Thr Ile Phe Pro Asp Gly Val Gln
20 25 30
Arg Pro Leu Leu Lys Gln Leu Leu Ala Pro Leu Ala Ser Xaa Val Glu
35 40 45
Ser Phe Lys Asp Arg Thr Pro Met Phe Arg Lys Xaa Glu Xaa Gly Leu
50 55 60
Leu Gln
65

<210> 8061
<211> 52
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE

7173

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8061

Cys	Phe	Lys	Cys	Cys	Ser	Trp	Lys	Ala	Asp	Asp	Val	Ser	Cys	Arg	Arg
1				5					10					15	

Trp	Thr	Leu	Lys	Asn	Ile	Pro	Gly	Asn	His	Gly	Ser	Met	Xaa	Ser	Leu
			20					25					30		

Leu	Xaa	Ile	Val	Ser	Ala	Leu	Val	Leu	Trp	Lys	Ile	Tyr	Leu	Phe	Trp
			35					40				45			

Cys	Xaa	Lys	Ala
			50

<210> 8062

<211> 75

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8062

Ala	Trp	Phe	Arg	Pro	Ala	Val	Trp	Gln	Thr	Met	Gly	Ser	Leu	Cys	Val
1				5					10					15	

Val	Leu	Gly	Ala	Gly	Phe	Arg	Gln	Tyr	Leu	Ala	Phe	Pro	Trp	Trp	Lys
			20					25					30		

Ser	Leu	Ser	Pro	Pro	Ala	Leu	Gly	Arg	Asn	Trp	Phe	Leu	Leu	Gly	Gly
			35				40					45			

Ala	Trp	Leu	Leu	Pro	His	Pro	His	Pro	Ala	Gly	Thr	Leu	Thr	Gly	Ser
						55					60				

7174

Ser Pro Asp Xaa Ser Leu Pro Xaa Pro Leu Xaa
 65 70 75

<210> 8063

<211> 31

<212> PRT

<213> Homo sapiens

<220>

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<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8063

Gly Asn Ile Arg Ser Ser Leu Val Gln Glu Lys Gly Arg Arg Leu Arg
 1 5 10 15

Gln Gln Glu Arg Leu Ser Gly Ser Lys Pro Ser Gly Xaa Xaa Xaa
 20 25 30

<210> 8064

<211> 16

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7175

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8064

Leu	Ser	Phe	Arg	Ser	Xaa	Ala	Ala	Ala	Leu	Phe	Phe	Xaa	Phe	Tyr	Xaa
1				5					10					15	

<210> 8065

<211> 28

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8065

Ala	Leu	Val	Ser	Xaa	Tyr	Asn	Gln	Pro	Leu	Xaa	Lys	Xaa	Cys	Ile	Thr
1				5					10					15	

Glu	Thr	Pro	Gly	Phe	Thr	Glu	Asn	Phe	Leu	Arg	Xaa
			20					25			

<210> 8066

<211> 43

<212> PRT

<213> Homo sapiens

7176

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<400> 8066
Leu Glu Val Asp Xaa Glu Glu Ser Thr Arg Cys Tyr Pro Ala Arg Xaa
1 5 10 15
Lys Xaa Ile Leu Phe Pro Trp Phe Ser Leu Ser Leu Arg Thr Ser Tyr
20 25 30
Phe Ile Xaa Pro Ser Ser Arg Xaa Xaa Leu Leu
35 40

<210> 8067
<211> 20
<212> PRT
<213> Homo sapiens

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7177

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<400> 8067
Gln Met Arg Ser Gln Xaa Leu Lys Glu Gln Xaa Xaa Ser Tyr Lys Leu
1 5 10 15
Ala Phe Asp Phe
20

<210> 8068
<211> 53
<212> PRT
<213> Homo sapiens

<220>
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<400> 8068

7178

Arg Phe Trp Met Ala Thr Met Arg Ser Thr Arg Leu Cys Tyr Tyr Phe
 1 5 10 15
 Leu Ser Phe Ala Ser Cys Val His Asn Asn Ser Lys Glu Val Thr Leu
 20 25 30
 Phe Ala Met His Gln Ile Xaa Met Met Xaa Phe Phe Leu Xaa Tyr Xaa
 35 40 45
 Ile Xaa Val Thr Val
 50

<210> 8069

<211> 17

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8069

Ala Val Xaa Gln Thr Val Ser Asp Leu Val Xaa Pro Arg Xaa Phe Tyr
 1 5 10 15

Xaa

<210> 8070

<211> 22

<212> PRT

7179

<213> Homo sapiens

<220>

<221> SITE

<222> (16)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8070

Pro Ile Pro Ile Lys Val Cys Asp Leu Thr Trp Cys Ile Leu Val Xaa

1

5

10

15

Pro Gly Xaa Ala Xaa Asp

20

<210> 8071

<211> 29

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8071

Gly Xaa Cys Cys Cys Pro Gly Cys Pro Asn Gln Gly Val Gly Ile Arg

1

5

10

15

Asn Xaa Gly Pro Xaa Trp Glu Gly Glu Arg Arg Lys Thr

7180

20

25

<210> 8072
<211> 27
<212> PRT
<213> Homo sapiens

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<400> 8072
Gln Leu His Ser Gln Arg Val Ala Ser Cys His Glu Gly Pro Xaa Met
1 5 10 15

Thr Thr Ser Tyr Xaa Xaa Arg Xaa Lys Arg Gly
20 25

<210> 8073
<211> 59
<212> PRT
<213> Homo sapiens

<220>
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7181

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<221> SITE

<222> (10)

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<222> (29)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8073

Xaa	Gly	Met	Cys	Tyr	Xaa	Xaa	Tyr	Gln	Xaa	Cys	Val	Met	Pro	Arg	Ser
1				5				10						15	

His	Ser	Met	Glu	Thr	His	Val	His	Ala	Asp	Asn	Thr	Xaa	Thr	Ala	Ser
			20					25					30		

Leu	Pro	Trp	Arg	Ile	Cys	His	Gly	Arg	Ser	Trp	Gln	Xaa	Gly	Asn	Ile
		35					40					45			

Leu	Xaa	Xaa	Phe	Pro	Phe	Gly	Arg	Gln	Leu	Val
	50					55				

<210> 8074

<211> 31

<212> PRT

<213> Homo sapiens

7182

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<400> 8074
 Phe Phe Xaa Gly Gly Gly Phe Lys Lys Lys Xaa Arg Xaa Xaa Pro Pro
 1 5 10 15
 Arg Gly Lys Thr Leu Xaa Lys Lys Thr Ser Trp Lys Gly Leu Phe
 20 25 30

<210> 8075
 <211> 79
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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<220>

7183

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 <222> (54)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (57)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8075
 Xaa Ser Gly Pro Thr Xaa Xaa Phe Leu Pro Cys Leu Arg Arg Asp Ile
 1 5 10 15
 Thr His Met Pro Gln Leu Ser Asp Pro Ala Xaa Leu Cys Pro Arg Pro
 20 25 30
 Gln Gln Arg Ser Val Glu Pro Leu Pro Pro Phe Pro Val Ile Trp Val
 35 40 45
 Leu Trp Ile Leu Leu Xaa Leu Glu Xaa Gly Ser Ala Leu Pro Leu Ala
 50 55 60
 Thr Thr Gly Lys Pro Leu Thr Val Ala Ala Leu Leu Ala Phe Cys
 65 70 75

<210> 8076
 <211> 29
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8076
 Ser Phe Xaa Arg Pro Val His Thr Gly Leu Trp Glu Tyr Ile Glu Gln
 1 5 10 15

7184

Ala Ile Lys Ile Lys Gln Ala Leu Lys Lys Lys Lys Lys
20 25

<210> 8077

<211> 60

<212> PRT

<213> Homo sapiens

$\langle 220 \rangle$

<221> SITE

<222> (8)

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<221> SITE

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$\langle 220 \rangle$

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (49)

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<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

$\langle 220 \rangle$

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8077

Asn Tyr Arg Ile Ser His Trp Xaa His Cys Gln Val Ile Xaa Xaa Asn

1

5

10

15

Asp Glu Ser Val Leu Phe Pro Xaa Asp His Lys Thr Met Asp Pro Phe

20

25

30

7185

Cys Tyr Asp Gly Phe Lys Leu Ser Ile Val Thr Phe Tyr Ala Ile Ser
35 40 45

Xaa Tyr Lys Gly Ala Arg Thr Ser Xaa Val Phe Xaa
50 55 60

<210> 8078

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8078

Gly Ala Thr Xaa Cys Thr Gly Val Ser Lys Xaa Thr Thr Xaa Gly Asn
1 5 10 15

Phe Leu

<210> 8079

<211> 79

<212> PRT

<213> Homo sapiens

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7186

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8079

Asp	Ala	Trp	Ala	Glu	Ala	Xaa	Glu	Xaa	Xaa	Xaa	Arg	Pro	Gln	Gln	Leu
1				5					10					15	

Pro	Gly	Lys	Ala	Thr	Val	Leu	Ala	Gly	Gly	Cys	Gly	Ala	Gly	Pro	Arg
			20					25					30		

Pro	Leu	Lys	Ser	Gly	Arg	Gln	Gly	Lys	Glu	Ser	Trp	Gly	Arg	Gly	Ser
		35					40					45			

Pro	Glu	His	Lys	Ala	Asp	Ser	Thr	Lys	Arg	Lys	Pro	Ser	Val	Pro	Asn
	50					55					60				

Lys	Pro	Arg	Asn	Gln	His	Pro	Gln	Ala	Arg	Met	Ala	Gln	Thr	His
65					70					75				

<210> 8080

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8080

Pro	Thr	Arg	Gly	Lys	Lys	Arg	Gly	Glu	Ile	Lys	Asn	Thr	Arg	Gly	Glu
1				5				10						15	

Lys	Arg	Xaa	Xaa	Arg	Lys	Asn	Lys	Ser	Ile	Ser	Leu	Tyr	Gly	Arg	Arg
			20					25					30		

7187

Thr

<210> 8081

<211> 41

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8081

Xaa	Ser	Lys	Asp	Trp	Thr	Ser	Ser	Thr	Met	Arg	His	Gly	Gln	Arg	Val
1				5				10					15		

His	Gly	Lys	Gly	Leu	Xaa	Ser	Pro	Xaa	Val	Arg	Met	Met	Leu	Arg	Leu
			20					25					30		

Lys	Gly	Pro	Phe	Gly	Thr	Glu	Arg	Xaa
		35					40	

<210> 8082

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

7188

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8082

Gln	Leu	Gln	Gly	Thr	Leu	Glu	Ser	His	His	Xaa	Lys	Gly	Ile	Tyr	Xaa
1				5					10					15	

Glu	Thr	Xaa	Xaa	Gly	Gly	Ile	Xaa	Leu	Gly	Arg	Glu	Val	Leu	Lys	Trp
			20					25					30		

Ala	Gln	Gln	Lys
			35

<210> 8083

<211> 97

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8083

Arg	Pro	Val	Trp	Pro	Phe	Leu	Pro	Leu	Gln	Thr	His	Tyr	Glu	Thr	Pro
1				5					10					15	

His	Phe	Ser	His	His	Gln	Leu	Leu	His	Ser	Tyr	Asn	Pro	Cys	Ala	Leu
			20					25					30		

7189

Ser Ser Leu Gly Ala Phe Ala Val Ala Ile Val Ser Ile Trp Asn Ala
 35 40 45

Leu Pro Pro Val Leu Pro Met Ala Asp Ser Phe Glu Ser Phe Trp Cys
 50 55 60

Trp Leu Asn Cys His Leu Phe Leu Glu Pro Phe Ser Asp His Pro Ser
 65 70 75 80

Met Xaa Ile Ser Ser Val Ile Leu Thr Leu Cys Val Phe Phe Leu Ala
 85 90 95

Val

<210> 8084

<211> 56

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8084

Phe Gly Ile Val Ile Asp His Ser Phe Val Cys Ile Xaa His Ser Xaa
 1 5 10 15

His Met Ile Ile Ser Asn Phe Val Tyr Lys Phe Ile Ser Asn Phe Val
 20 25 30

Gln Val Asn Leu Asn Phe Asn Thr Met Leu Lys Phe Gln Lys Pro Glu
 35 40 45

Lys Arg Glu Met Gln Ser Tyr Ile
 50 55

<210> 8085

<211> 24

<212> PRT

<213> Homo sapiens

7190

<220>
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<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8085
Leu Glu Tyr Tyr Cys Gly Ser Xaa Lys Xaa Xaa Leu Ile Gly Ser Xaa
1 5 10 15

Leu Met Glu Thr Ser His Trp Xaa
20

<210> 8086
<211> 57
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (56)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8086

7191

Leu Leu Gly Leu Ala Leu His Lys Ala Gln Phe Leu Ser Val Xaa Glu
 1 5 10 15

Lys Asp Phe Asp Pro Leu Gly Ile Leu Arg Gly Gln His Val Ile Val
 20 25 30

Val Arg Thr His Cys Ala Leu Glu Cys Leu Phe Ile Glu Ile Ile Val
 35 40 45

Arg Pro Val Ile Asn Phe Lys Xaa Ile
 50 55

<210> 8087

<211> 72

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8087

Leu Glu Tyr Gly Ile Ser Arg Thr Ile Trp Glu Cys Gly Gly Gly Glu
 1 5 10 15

Ala Val Leu Ala Pro Leu Ala Ala Val Ile His Gln Ala Pro Pro Leu
 20 25 30

Leu Pro Glu Gln Leu Leu Arg Val Arg Gly Thr Asp Trp Arg Arg Ser
 35 40 45

Arg Asn Val Val Cys Val Glu Gly Val Gly Trp Gly Val Thr Asp Xaa
 50 55 60

Leu Gly Gly Xaa Leu Pro Xaa Leu
 65 70

7192

<210> 8088
<211> 41
<212> PRT
<213> Homo sapiens

<220>
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<222> (7)
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<220>
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<220>
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<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (25)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8088
Cys Arg Asp Pro Ile Trp Xaa Thr Xaa Xaa Tyr Arg Glu Ser Trp Tyr
1 5 10 15

Ala Cys Arg Tyr Arg Thr Gly Xaa Xaa Gly Ser Thr His Ala Phe Glu
20 25 30

Gln Gly Gln Gly Asp Leu Pro Leu Ser
35 40

<210> 8089
<211> 45
<212> PRT
<213> Homo sapiens

<220>
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<222> (10)

7193

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8089

Thr	Val	Phe	Arg	Pro	Leu	Thr	Leu	Glu	Xaa	Thr	Phe	Leu	Ile	Val	Asp
1				5				10					15		

Ser	Cys	Ser	Lys	Leu	Xaa	Gln	His	Ser	Thr	Leu	Ser	Arg	Ser	Ile	Leu
			20					25					30		

Leu	Ile	Tyr	Lys	Gly	Phe	Cys	Arg	Phe	Trp	Pro	Xaa	Gly
		35					40					45

<210> 8090

<211> 49

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8090

Gly	Lys	Leu	Val	Arg	Leu	Gln	Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp
1				5				10					15		

Pro	Arg	Val	Arg	Phe	His	Ile	Lys	Cys	Tyr	Ile	Thr	Gln	Glu	Arg	Glu
			20					25					30		

Ser	Ile	Ser	Arg	Lys	Ser	Ala	Xaa	His	Pro	Lys	Lys	Phe	Lys	Leu	Lys
			35				40					45			

Cys

<210> 8091

<211> 35

7194

<212> PRT
<213> Homo sapiens

<220>
<221> SITE
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<220>
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<220>
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<222> (23)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (31)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8091
Tyr Arg Gly Ser Val Val Xaa Asp Ala His Leu Asp Trp Ala Ala Ala
1 5 10 15
Xaa Glu Lys Asp Arg Xaa Xaa Glu Gln Cys Glu Lys Asp Glu Xaa Lys
20 25 30
Ile Trp Gly
35

<210> 8092
<211> 41
<212> PRT
<213> Homo sapiens

<220>
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7195

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<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (37)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8092
Tyr Xaa Thr Xaa Leu Glu Cys Arg Tyr Ala Cys Cys Thr Gly Pro Glu
1 5 10 15
Phe Pro Gly Arg Pro Thr Arg Pro Leu Xaa His Ile Val His Lys Ile
20 25 30
Gly Xaa Xaa Thr Xaa Thr Val Thr Met
35 40

<210> 8093
<211> 79
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
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7196

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 <222> (72)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (78)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8093
 Thr Leu Gln Leu Gln Met Ile Val Glu Lys Lys Pro Gln Xaa Arg Xaa
 1 5 10 15
 Arg Ser Arg Arg Arg Xaa Phe Xaa Gly Gln Ala Xaa Asp Arg Gln Pro
 20 25 30
 Gly Asn Leu Ser Gly Pro Xaa Asp Thr Ile Arg Val Thr Ser Met Lys
 35 40 45
 Lys Met Leu Cys Cys Phe Leu Asn Xaa Leu Tyr Leu His Val His Met

7197

50	55	60
Xaa His Ile Ile Gln Lys Leu Xaa Cys Ile Lys Trp Leu Xaa Thr		
65	70	75

<210> 8094
 <211> 50
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (6)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (10)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (27)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (45)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (47)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8094
 Val Gly Asn Ala Ile Xaa Xaa Gly Thr Xaa Ser Arg Leu Tyr Asp Lys
 1 5 10 15

7198

Ser Thr Gly Ala Trp Pro Glu Lys Pro Ile Xaa Arg Thr Thr Phe Leu
20 25 30

Pro Leu Asp Trp Thr Ser Asp Xaa Gly Pro Ser Ile Xaa Ile Xaa Ala
35 40 45

Lys Val
50

<210> 8095

<211> 69

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

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<222> (18)

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

7199

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8095

Glu	Asn	Lys	Arg	Cys	Xaa	Arg	Gly	Thr	Leu	Thr	Phe	Gly	Thr	His	Met
1				5					10					15	

His	Xaa	Xaa	Xaa	Tyr	Leu	Pro	Xaa	Trp	Pro	Asp	Met	Ser	Arg	Ile	Val
			20					25					30		

Pro	Gln	Thr	Trp	His	Gln	Arg	Ile	Ala	Leu	Lys	Glu	Glu	Leu	Ile	Gly
		35					40					45			

Cys	Gln	Ile	His	Lys	Val	Met	Ile	His	Xaa	Glu	Trp	Cys	Xaa	Xaa	Lys
	50					55					60				

Ser	Glu	His	Gln	Phe
65				

<210> 8096

<211> 39

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8096

Xaa	Gly	Thr	Pro	Thr	Ile	Gly	Lys	Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly
1				5					10					15	

Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Pro	Pro	Thr	Arg	Pro	Asn	Ser
			20					25					30		

His	Asn	Ala	Lys	Tyr	Thr	Met
			35			

<210> 8097

<211> 93

<212> PRT

<213> Homo sapiens

<220>

7200

<221> SITE
 <222> (37)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (70)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (74)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (78)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (82)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (83)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8097
 Thr Leu Phe Ser Ala Gly Thr Thr Ser Ile His Val Leu Asn Ser Asn
 1 5 10 15
 Ser Ala Lys Leu His Ser Ser Pro Gly Arg Ser Pro Gly Ile Asn Gly
 20 25 30
 Ile Ser Val Gly Xaa His His Ser His Pro Ser Val Leu Gly Lys Gly
 35 40 45
 Gly Arg Ser Pro Gln Asn His Thr Ala Glu Ile Xaa Lys Phe Cys Leu
 50 55 60
 Lys Ser Asp Lys Val Xaa Val Ala Leu Xaa Leu Cys Lys Xaa Gly Asp
 65 70 75 80
 Ile Xaa Xaa Tyr Ile Ser Leu Tyr Leu His Arg Val Gln

7201

85

90

<210> 8098
<211> 25
<212> PRT
<213> Homo sapiens

<220>
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<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<400> 8098
Gln Asn Val Cys Ala Lys Lys Gln Met His Lys His Ile Thr Ala Thr
1 5 10 15

Leu Arg His Phe Xaa Xaa Trp Thr Xaa
20 25

<210> 8099
<211> 22
<212> PRT
<213> Homo sapiens

<220>
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<220>
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7202

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8099

Glu Thr His Thr Ala Gly Gln Val Asp Val Tyr Xaa Xaa Pro Phe Glu
 1 5 10 15

Tyr Xaa Ile His Glu Ser
 20

<210> 8100

<211> 121

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8100

Asp Leu Ile Cys Leu Gly Pro Xaa Leu Leu Glu Ser Phe Val Ala Asn
 1 5 10 15

Pro Leu Ser Tyr Leu Gly Pro His Thr Leu Gly Phe Thr Ala Ala Arg
 20 25 30

Ser Leu Ser Pro Pro Glu Asp Leu Pro Ala Arg Asp Leu Ala Cys Trp
 35 40 45

Gly Pro Arg Leu Leu Gly Thr Ser Pro Ala Gly Asp Leu Thr Cys Trp
 50 55 60

Gly Pro Trp Leu Leu Glu Ala Ala Pro Thr Glu Asp Val Gly Gly Arg
 65 70 75 80

Gly Leu Tyr Leu Leu Gly Pro Ala Pro Arg Asp Leu Ala Thr Leu Asn
 85 90 95

Leu Thr Cys Trp Gly Pro His Pro Gly Gly Pro Gly Pro Gly Glu Leu
 100 105 110

Ala Tyr Phe Gly Ala Pro Thr Arg Glu
 115 120

<210> 8101

<211> 52

<212> PRT

7203

<213> Homo sapiens

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8101

Xaa	Gly	Asn	Leu	Met	Glu	Ala	Phe	Trp	Xaa	Xaa	Cys	Xaa	Tyr	Arg	Ser
1				5				10					15		

Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Ala	Thr	Glu	Arg	Trp	Gly	Cys
			20					25					30		

Pro	Xaa	Arg	Lys	Ser	Gly	Ser	Arg	Glu	Thr	Asp	Pro	Leu	Thr	Asn	Ser
		35					40					45			

Pro	Asp	Lys	Leu
			50

<210> 8102

<211> 74

<212> PRT

<213> Homo sapiens

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7204

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<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8102

Phe	Pro	Phe	Thr	Pro	Ser	Ser	Leu	Ala	Leu	Ala	Gly	Gln	Cys	Thr	Met
1				5					10					15	

Asn	Trp	Arg	Ser	Ala	Gly	Glu	Ser	Gln	Ser	Cys	Pro	Asp	Ser	Ala	Ser
			20					25					30		

Pro	Gln	Gly	Pro	Leu	Pro	Ser	Gly	Leu	Pro	Ser	Pro	Ala	Ile	Pro	Val
		35					40					45			

Ala	Gly	Lys	Val	Gly	Leu	Ala	Leu	Pro	Pro	Asp	Leu	Phe	Pro	Gln	Glu
		50				55					60				

Gly	Pro	Xaa	Xaa	Thr	Gly	Ala	Gly	Ser	Gly
65						70			

<210> 8103

<211> 42

<212> PRT

<213> Homo sapiens

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<400> 8103
 Arg Asp Xaa Xaa Gly Gly Xaa Leu Met Gly Lys Leu Ile Ile Gly Asn
 1 5 10 15
 Xaa Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr
 20 25 30
 Arg Pro Thr Xaa Xaa Arg Xaa Arg Ala Val
 35 40

<210> 8104
 <211> 54
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8104
 Arg Gly Glu Xaa Tyr Trp Glu Gly His Ser Gly Thr Leu Ala Gly Thr
 1 5 10 15
 Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Pro Arg Lys Arg Lys Arg
 20 25 30
 Val Gly His Arg Arg Glu Met Val His Phe Leu Thr Ala Val Leu Ile
 35 40 45
 Tyr Ile Ile Val Phe Leu
 50

<210> 8105

7206

<211> 79
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8105
Lys Lys Phe Ile Cys Ile Tyr Ala Phe Arg Ile Ile Leu Tyr Leu Ser
1 5 10 15

Asn Leu Phe Tyr His Cys Tyr Arg Phe Leu Lys Lys Asn Leu Ser Leu
20 25 30

Ala Ser Thr Cys Gln Arg Phe Thr Ser Xaa Leu Xaa Xaa Lys Gln Val
35 40 45

Val Ala Val Xaa Ile Gly His Ala Ser Arg Gly Asn Ala Gln Tyr Lys
50 55 60

7207

Cys Phe Xaa Leu Xaa Arg Lys Gly Pro Ile Leu Xaa Leu Lys Ser
65 70 75

<210> 8106
<211> 18
<212> PRT
<213> Homo sapiens

<220>
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<220>
<221> SITE
<222> (17)
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<400> 8106
Ala Xaa Ile Lys Xaa Trp Xaa Gly Xaa Gly Lys Leu Lys Lys Gly Phe
1 5 10 15

Xaa Leu

<210> 8107
<211> 52
<212> PRT
<213> Homo sapiens

<400> 8107

7208

Thr Asn Cys Trp Phe Asp Ile Tyr Val Asn Ile Ser Leu Pro Cys Phe
 1 5 10 15
 Asn Phe Ala His Ser Tyr Tyr Arg Glu Pro Ile Gly Ser Leu Leu Val
 20 25 30
 Leu Trp Val Phe Cys Leu Lys Arg Ser His Gly Ile Cys Leu His Leu
 35 40 45
 Pro Tyr Gln Thr
 50

<210> 8108

<211> 82

<212> PRT

<213> Homo sapiens

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<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8108

Ile Ser Leu Phe Phe Ser Asp Leu His Leu Cys Ser Gln Cys Leu Ala
 1 5 10 15

Gly Pro Ala Leu Ile Leu Gln Xaa Ile Gln Ala Leu Phe Glu Arg Leu
 20 25 30

7209

Val Ile Ile Arg Cys Cys Asn Ala Ala Ser Arg Phe Phe Met Val Thr
 35 40 45

Trp Asp Ala Pro Ala His Leu Xaa Leu Lys Val Xaa Thr Phe Thr Pro
 50 55 60

Met Arg Asp Ile Xaa Ile Asn Ser Phe Phe Xaa Leu Leu Val Pro Lys
 65 70 75 80

His Arg

<210> 8109

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<222> (34)

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<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8109

Arg Ala Cys Glu Gly Arg Phe Gln Val Trp Phe Tyr Lys Pro Val Asn
 1 5 10 15

Tyr Leu Leu Ser Ser Leu Thr Xaa Thr Asn Phe Ser Ser Phe Cys Cys
 20 25 30

Gln Xaa Val Xaa Arg Lys Glu Thr Phe Pro Ser Leu Asp Arg Ile Cys
 35 40 45

Leu Arg Asp Xaa Gly Thr Ile Val Phe Lys
 50 55

7210

<210> 8110
<211> 66
<212> PRT
<213> Homo sapiens

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7211

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8110

Asp	Leu	Pro	Thr	Glu	Phe	His	Cys	Met	Met	Ile	Leu	Leu	Ser	Leu	Leu
1				5				10					15		

Val	Ala	Leu	Xaa	Ser	Xaa	Xaa	Lys	Xaa	Xaa	Leu	Gly	Leu	Val	Arg	Xaa
			20				25						30		

Ser	Arg	Glu	Asp	Phe	Ser	Phe	Xaa	Leu	Xaa	Arg	Glu	Lys	Ala	Phe	Tyr
		35					40					45			

Gln	His	Ser	Ser	Ser	Ser	Xaa	Xaa	Glu	Arg	Leu	Gln	Ala	Leu	Arg	Lys
	50					55					60				

Xaa Ala
65

<210> 8111

<211> 38

<212> PRT

<213> Homo sapiens

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7212

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8111

Pro	Ser	Xaa	Arg	Ala	Val	Arg	Asn	Gln	Xaa	Tyr	Tyr	Gly	Xaa	Ser	His
1				5					10					15	

Ile	Thr	Val	Ser	Ser	Asn	Ser	Tyr	Met	Pro	Xaa	Pro	Lys	Met	Ile	Thr
			20					25					30		

Thr	His	Cys	Xaa	Cys	Leu
			35		

<210> 8112

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8112

Phe	Lys	Gly	Trp	Glu	Pro	Arg	Pro	Pro	Gly	Gln	Xaa	Thr	Arg	Gly	Ala
1				5					10					15	

Ala	Glu	Ile	Phe	Ser	Gly	Gly
					20	

<210> 8113

<211> 22

<212> PRT

<213> Homo sapiens

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7213

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8113
Ala Phe Lys Asn Arg Thr Phe Tyr Thr Gly Gly Phe Ser Phe Leu Trp
1 5 10 15
Gly Gln Xaa Xaa Xaa Arg
20

<210> 8114
<211> 17
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8114
Glu Xaa Asn Glu Asp Gln Asp His Cys Trp Val Arg Xaa Ala Leu Xaa
1 5 10 15
Xaa

7214

<210> 8115

<211> 38

<212> PRT

<213> Homo sapiens

<400> 8115

Gln Cys Cys Asn Thr Asp Gly Asn Ala Ile Ala Tyr Leu Lys Thr Leu
1 5 10 15

Arg Asp Leu Ile Glu Met Tyr Ile Val Phe Phe Phe Thr Ile Thr Glu
20 25 30

Leu Phe Tyr Leu Leu Cys
35

<210> 8116

<211> 60

<212> PRT

<213> Homo sapiens

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<222> (17)

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<222> (38)

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<220>

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<222> (42)

7215

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8116

Ser	Thr	Xaa	Thr	Arg	Gly	Gly	Lys	Lys	Gly	Xaa	Gly	Phe	Thr	Gly	Xaa
1				5					10					15	

Xaa	Ala	Lys	Gly	Leu	Pro	Gly	Val	Ser	Pro	Gly	Lys	Ile	Phe	Pro	Pro
			20					25					30		

Gly	Gly	Phe	Arg	Asn	Xaa	Gln	Arg	Ala	Xaa	Ser	Pro	Gly	Leu	Val	Gly
		35					40					45			

Asn	Xaa	Lys	Gly	Phe	Ile	Phe	Gly	Phe	Gly	His	Xaa
	50					55					60

<210> 8117

<211> 81

<212> PRT

<213> Homo sapiens

<400> 8117

Asp	Asn	Lys	Asp	Glu	Val	Lys	His	Pro	Gly	Tyr	Pro	Leu	Pro	Val	Ile
1				5					10					15	

Arg	Ser	Asp	Val	Arg	His	Phe	Met	Ser	Glu	Leu	Ile	His	Leu	Val	Leu
			20					25					30		

Val	Phe	Gly	Lys	Asp	Asn	Val	Ser	His	Leu	Leu	Val	Ala	Val	Ala	Trp
		35					40					45			

Arg	Arg	Gly	Leu	Thr	Asn	Gly	Gly	Gln	Gly	Asp	His	Leu	Glu	Phe	Ala
	50					55					60				

Ser	Cys	Glu	Asp	Arg	Cys	Trp	Leu	Phe	Thr	Ile	Leu	Glu	Gly	Phe	Thr
65					70					75					80

Ser

7216

<210> 8118

<211> 109

<212> PRT

<213> Homo sapiens

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<222> (97)

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<220>

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<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8118

Val	Gly	Cys	Phe	Leu	Leu	Pro	Pro	Leu	Leu	Arg	Phe	Pro	Val	Thr	Gly
1				5					10					15	

Ser	Ser	Gly	Lys	Pro	Gly	Gln	Pro	Thr	Gln	Ile	Asn	Glu	Leu	Gly	Thr
			20					25					30		

Glu	Glu	Thr	Ser	Lys	Asp	Leu	Gly	Leu	Arg	Ala	Glu	Gly	Pro	Arg	Trp
		35					40					45			

Val	Gly	Phe	Glu	Gln	Gly	Ala	Pro	Gly	Pro	Glu	Pro	Gly	Ile	Gly	Ala
	50					55					60				

Ser	Leu	Pro	Ser	Lys	Ser	Cys	Val	His	Pro	Asn	Ser	Glu	Ala	His	Ala
65						70				75					80

Thr	Ala	Ser	Cys	Ser	Val	Cys	Glu	Val	Pro	Gly	Gly	Cys	Pro	Gly	Ala
				85					90					95	

Xaa	Leu	Xaa	Arg	Arg	Pro	Gln	Xaa	Arg	Ala	Trp	Xaa	Ala
			100					105				

7217

<210> 8119
 <211> 32
 <212> PRT
 <213> Homo sapiens

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<400> 8119
 Thr Leu Gln Cys Tyr Thr Ser Met Leu Cys Cys Leu Leu Asn Xaa Gly
 1 5 10 15
 Thr Ala Val Leu Xaa Met His Met Ile Xaa Ser Glu Asn Xaa Glu Xaa
 20 25 30

<210> 8120
 <211> 21
 <212> PRT
 <213> Homo sapiens

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7218

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<220>
<221> SITE
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<400> 8120
Ala Asp Ala Trp Val Ala Leu Arg Ser Tyr Gly Ala Thr Xaa Ser Xaa
1 5 10 15
Xaa Trp Leu Xaa Ser
20

<210> 8121
<211> 21
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7219

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8121

Asp Gly Xaa Ile Gly Pro Xaa Ile Phe His His Xaa Ser Xaa Gly Pro
1 5 10 15

Pro Val Pro Xaa Tyr
20

<210> 8122

<211> 24

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8122

Lys Lys Thr Xaa Xaa Asn Glu Asn Ile Glu Lys Ile Leu Arg Lys Lys
1 5 10 15

Tyr Ile Trp Gly Gly His Xaa Xaa
20

<210> 8123

<211> 62

<212> PRT

<213> Homo sapiens

7220

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<400> 8123
 Leu Ile Xaa Xaa Asn Leu Phe Arg Ala Phe Pro Phe Xaa His Gly Gln
 1 5 10 15
 Pro His Cys Pro Tyr Gly Leu Xaa Lys Gly Ile Arg Ile Ser Phe Pro

7221

20 25 30
Phe Leu Asn Ser Gly Gly Thr Ile Xaa Ala Phe Pro Thr Xaa Pro Cys
35 40 45
Leu Pro Ala Xaa Gln Gln Pro Gly Xaa Phe Xaa Met Asn Gln
50 55 60

<210> 8124

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

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<400> 8124

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Ala Arg Glu Arg Glu Lys
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<210> 8125

<211> 78

<212> PRT

<213> Homo sapiens

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<400> 8125
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1 5 10 15
Pro Glu Ala Pro Gly Pro Thr Pro Pro Leu Leu Ser Leu Ser Ala Leu
20 25 30
Ser Ala Ser Gly Ser Ala Gly Ala Arg Arg Arg Glu Pro Val Gln Gly
35 40 45
Arg Gly Ser Ala Pro Xaa Pro Xaa Val Gly Leu Arg Trp Pro Xaa Xaa
50 55 60
Ser Asp Ile Phe Leu Pro Ser Trp Xaa Ser Leu Glu Ile Tyr
65 70 75

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<400> 8126
Ala Trp Ile Ile Met Leu Ile His Arg Ala Leu Leu Met Ile Xaa Xaa
1 5 10 15

Xaa

<210> 8127
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<400> 8127
Gly Glu Lys Cys Pro Leu Leu Lys Leu Phe Val Thr Gly Glu Xaa Xaa
1 5 10 15

Val Phe Asp Gly
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<210> 8128
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<400> 8128

Ala	Met	Ser	Ala	Arg	Arg	Xaa	Gly	Xaa	Pro	Ser	Xaa	Ala	Leu	Arg	Arg
1				5					10				15		

Arg	Xaa	Val	Cys	Asp
			20	

<210> 8129

<211> 36

<212> PRT

<213> Homo sapiens

<400> 8129

Leu	Arg	Cys	Ala	Leu	Lys	Tyr	Ser	Val	Ala	Tyr	His	Ser	Thr	Leu	Asn
1				5					10					15	

Pro	Met	Ile	Ile	Gln	Leu	Thr	Ser	Cys	Cys	Ser	Gly	Leu	Val	His	Ile
			20					25					30		

Ala	His	Met	Ile
			35

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<211> 28

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<400> 8130

Thr	Leu	Xaa	Lys	Cys	Tyr	Leu	Ile	Ile	Ile	Leu	His	Xaa	Asp	Lys	Leu
1				5					10					15	

Gly	Leu	Ser	Asn	Met	Asn	Xaa	Xaa	Asn	Gly	Tyr	Xaa
			20					25			

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<400> 8131

Lys Tyr Asn Xaa Lys Lys His Phe Thr Tyr Gln Arg Xaa Leu Tyr Leu
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Tyr Lys Arg Leu Leu Asn Glu Gly Leu Leu Asn Xaa Phe Gly Ser Ile
20 25 30

Thr

<210> 8132

<211> 67

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Val	Pro	Ala	Ser	Asn	His	Pro	Ala	Arg	Phe	Leu	Phe	Gly	Lys	Ile	Ser
1				5				10					15		

Thr	Gly	Glu	Pro	Ser	Ser	Leu	Pro	Ser	Xaa	Glu	Met	Glu	Thr	Ile	Gln
			20					25					30		

Asp	Ile	Lys	Asn	Ala	Xaa	Xaa	Gly	Gln	Gln	Leu	Cys	Xaa	Val	Gln	Xaa
		35					40					45			

Met	Lys	Phe	Ser	Arg	Trp	Cys	Ala	Ser	Leu	Xaa	Xaa	Lys	Ser	Xaa	Lys
	50					55						60			

Asp	Arg	Ser
		65

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<400> 8133

Pro	Pro	Xaa	Arg	Xaa	Gln	Leu	Xaa	Ile	Xaa	Phe	Ser	Glu	Val	Pro	Phe
1				5					10					15	

Val	Ser	Lys	Ile	Gln	Leu	Leu	Lys	Phe	Xaa	Gly
			20				25			

<210> 8134

<211> 53

<212> PRT

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<400> 8134

Gly	Ser	Lys	Tyr	Phe	Leu	Xaa	Phe	Ser	Leu	Val	Phe	Met	Pro	Ser	Leu
1				5					10					15	

Xaa	Ile	Tyr	Ile	Leu	Ser	Val	Ile	Ile	Trp	Xaa	Phe	Leu	Xaa	Val	Xaa
			20				25						30		

Gly	Ile	Tyr	Gln	Val	Val	Asn	Tyr	Glu	Tyr	Leu	His	Leu	Leu	Phe	Glu
			35				40					45			

7229

Lys Met Thr Leu Ile
50

<210> 8135
<211> 105
<212> PRT
<213> Homo sapiens

<400> 8135
Pro Arg Val Arg Pro Arg Val Arg Pro Arg Val Arg Pro Gly Leu Asn
1 5 10 15
Ser Cys Asp Gln Asn Ser Leu Leu Pro His Pro Ala Pro Ser Thr Ser
20 25 30
Cys Pro Leu Phe His Leu Pro Pro Ser Gln Arg Pro Gln Pro Leu Phe
35 40 45
Gln Ala Gln Gly Cys Arg Arg Gly Lys Glu Glu Thr Gly Ser Pro Glu
50 55 60
Arg Ala Lys Gly Leu Pro Arg Gly Ala Asn His Ala Pro Asp Tyr Tyr
65 70 75 80
Leu Arg Ala Phe Trp Ala Leu Thr Ser Ala Trp Pro Pro Ala His Ala
85 90 95
Leu Arg Pro Val Gly Glu Gly Trp Ser
100 105

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 1 5 10 15
 Xaa Xaa Val Lys
 20

<210> 8137
 <211> 80
 <212> PRT
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<400> 8137
 Ile Gln Leu Gly Glu Pro Ala Gly Leu Val Arg Gln His Leu Gly Leu
 1 5 10 15
 Cys Gln Gln Gln Glu Val Lys Arg Ser His Ser Tyr Leu Ser Leu Pro
 20 25 30
 Leu Pro Pro Ala Pro Cys Val Gly Thr Gln Thr Trp Arg Asp Pro Ser
 35 40 45
 Ala Val Asn Thr Ser Ile Leu Phe Leu Pro Lys Glu Gln Ile Pro Arg
 50 55 60
 His Leu Leu Leu Gly Leu Ser Arg Phe Ile Cys Arg Pro Ser Gln Arg
 65 70 75 80

<210> 8138
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7231

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Asn Xaa Xaa Xaa Xaa Xaa Asn Xaa Xaa Lys Ile Ile Tyr Lys Xaa Ser

1

5

10

15

Ser Phe Pro Xaa Xaa Lys Thr Glu Pro Lys Gly Trp Gln Asp Arg Thr

20

25

30

Leu Ser Arg Phe Leu His His Leu His Lys Phe Leu Val Asp Gly Ile

35

40

45

Leu Leu Phe Glu Gly Cys Phe Glu Ser Gly Phe His Val Leu Val Ile

50

55

60

Phe Gly Phe Leu Gly Ala Leu His Ser Ala Gly Ile Lys Gln Pro Trp

65

70

75

80

Lys

<210> 8139

<211> 105

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Gly	Tyr	Gly	Ser	His	Leu	Ser	Xaa	His	Cys	Leu	Glu	His	Xaa	Thr	Leu
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Pro	Leu	Asn	Ser	Leu	Leu	Arg	Xaa	Lys	Xaa	Ser	Ala	Leu	Xaa	Thr	Pro
			20					25					30		

Leu	Ala	Leu	Xaa	Leu	Ala	Ser	Ala	Pro	Gln	Gly	Ser	Pro	Ser	Ala	Pro
		35					40					45			

Leu	Ala	Ser	Thr	Pro	Ile	Lys	Trp	Thr	Xaa	Val	Cys	Lys	Phe	Asn	Gly
		50				55					60				

His	Ser	Phe	Pro	Pro	Met	Ser	Gln	Leu	Ala	Ser	Ser	Leu	Pro	Ala	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7234

65					70					75					80
Ile	Ser	Pro	Xaa	Xaa	Xaa	Pro	Xaa	Pro	Leu	Gly	Leu	Xaa	Pro	Gln	Leu
				85					90					95	
Phe	Lys	Gly	Ser	Pro	Ala	Leu	Asn	Arg							
			100					105							

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<400> 8140
Glu Asn His Val Tyr Leu Phe Pro Pro Tyr Val Lys Asp Phe Leu Leu
1 5 10 15
Val Val His Ser Ala Leu Ile Leu Tyr Ser Leu Pro Arg Arg Val Ser
20 25 30
Leu Gly Thr Ile Leu Tyr Arg Lys Gln Val Tyr Ser Asp His Ile Gln
35 40 45
Asp Lys Cys Thr Glu Glu Asn Thr Val Phe Thr Leu
50 55 60

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Pro Xaa Xaa Xaa Xaa Glu Xaa Cys Leu Ala Ala Xaa Xaa Val Leu Asp
 1 5 10 15

Leu Xaa Ile Ala Leu Leu Glu Val Leu Lys Thr Ala Leu Xaa His Xaa
 20 25 30

Gly Leu Ser Arg Gly Ile Pro Gln Ala Ala Xaa Asp Leu Tyr Lys Xaa
 35 40 45

Val Tyr Xaa Ser Gln Tyr Cys Gly Phe Xaa Gln His Gly Thr Lys Leu
 50 55 60

Pro Pro
 65

<210> 8142

<211> 35

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<400> 8142

Tyr Asn Thr Ala Xaa Asp Xaa Ala Ser Ala Ser Asp Val Val Tyr Gly
 1 5 10 15

Asn Val Leu Phe Gln Leu Asn Cys Asn Xaa Lys Ile Trp Pro His Pro
 20 25 30

Phe Tyr Ser
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7237

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Gly Pro Gly Leu Cys Glu Xaa Ile Lys Xaa Trp Trp Pro Arg Cys Ala
1 5 10 15
Cys Ser Xaa Cys Leu His Val Pro
20

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Pro Tyr Ile Xaa Ile Cys Tyr Thr Pro Pro Ala Pro Ser Pro Ser Glu
1 5 10 15
Thr Pro Val Pro Ser Gln Gly Gln Leu Cys Gln Thr Pro Leu Pro Gly
20 25 30
Leu Pro Ser Cys His His Lys Gln Lys Lys Lys Arg Gly Gly Pro Pro
35 40 45
Lys Xaa Xaa Xaa Ile Phe Xaa
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 Leu Asn Lys Lys Gly Gly Glu Lys Lys Gly Leu Trp Gly Val Glu Pro
 20 25 30
 Xaa Pro Leu Trp Ala Gln Arg Gly Phe Lys Xaa Pro Gly Gly Phe Pro
 35 40 45
 Pro Gly Xaa Lys Xaa Phe Pro Pro Pro Arg Gly Gly Val Phe Pro Glu
 50 55 60
 Lys Pro Pro Pro Xaa Arg Ala Arg Xaa Phe Ser Pro Gly Phe Gly Xaa
 65 70 75 80
 Pro Pro Pro Phe Phe Gly Gly Xaa Ser Pro Pro Pro Pro Lys Lys Lys
 85 90 95
 Lys Lys Lys Phe Phe Gly
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 Asp Asp Ser Pro Tyr Phe Thr Tyr Asn Arg Ser Phe Thr Pro Ile Leu
 20 25 30
 Leu Val Ile Thr Ile Ser Pro Xaa His Pro Xaa Xaa Pro Val Pro Leu
 35 40 45
 Arg Lys Asp His Asp Gln Xaa Ser Ile Gly Xaa Leu Leu Xaa Thr Phe
 50 55 60
 Cys Xaa Thr Ser Glu Leu Met Xaa Xaa Xaa Gly Val Val Leu Ala Val
 65 70 75 80
 Gly Ile Xaa Gly Leu Glu Leu Ala Ala Met Ile Xaa Ser Xaa Xaa Leu
 85 90 95
 Leu Leu Gln Ser Thr Xaa Asn Pro Leu Thr Ala Ser Ala Thr Asn Gly
 100 105 110
 Cys Pro Pro Gly Asn Ser
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Val	Ser	Gly	Lys	Pro	Pro	Gln	Pro	Gly	Pro	Gly	Ser	Pro	Gly	Lys	Pro
			20					25					30		

Pro	Lys	Lys	Ile	Phe	Lys	Lys	Xaa	Ile	Trp	Gly	Phe	Lys	Lys	Glu	Thr
			35				40					45			

Pro	Phe	Pro	Trp	Glu	Arg	Xaa	Pro	Pro	Lys	Xaa	Xaa	Phe	Phe	Phe	Gly
	50					55					60				

Phe	Pro	Pro	Gln	Ile	Pro	Phe	Pro	Leu	Thr	Pro	Pro	Pro	Leu	Ser	Xaa
65				70						75				80	

Pro	Lys	Thr	Leu	Gly	Pro	Phe	Leu	Thr	Gln	Gly	Lys	Asn	Trp	Gly	Glu
				85					90					95	

Ile	Pro	Asn	Trp	Val	Ser	Pro	Pro	Pro	Leu	Phe	Xaa	Phe	Gly	Phe	Trp
			100					105					110		

Xaa	Arg	Gly	Leu	Gly	Asn	Pro	Lys	Pro	Phe	Leu	Lys	Xaa	Xaa	Gly	Pro
		115					120					125			

Phe	Phe	Pro	Pro	Leu	Xaa	Pro	Phe	Pro	Pro	Phe	Trp	Xaa	Xaa		
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<400> 8148

Gln	Arg	Arg	Ala	Ala	Glu	Gly	Gly	Gly	Val	Ser	Asn	Pro	Pro	Ala	Leu
1				5					10					15	

Arg	Lys	Asn	Gly	Ala	Leu	Leu	Ile	Ser	Pro	Leu	Pro	Phe	Ser	Pro	Ala
			20					25					30		

7245

Pro Arg Thr Gly Pro Leu Leu Gly Gly Ala Val Gly Pro Arg Leu Ala
35 40 45

His Thr Glu Asn Val Arg Thr Thr Asn Lys Ile Ser Ile Lys Leu Asn
50 55 60

Phe Val Ser Lys Lys Lys Lys Lys Gly Arg Pro Xaa
65 70 75

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Thr	Pro	Xaa	Gly	Val	Ser	Pro	Gly	Gly	Glu	Xaa	Ile	Phe	Pro	Pro	Pro
1				5					10					15	

Gly	Gly	Gly	Phe	Xaa	Gly	Lys	Thr	Pro	Pro	Lys	Pro	Gly	Pro	Gly	Phe
			20					25					30		

Pro	Pro	Gly	Pro	Leu	Gly	Gly	Phe	Lys	Xaa	Leu	Gly	Gly	Pro	Xaa	Thr
		35					40					45			

Gln	Xaa	Arg	Pro	Pro	Phe	Gly	Gly	Pro	Lys	Xaa	Pro	Xaa	Val	Leu	Xaa
	50					55					60				

Xaa	Xaa	Pro	Pro	Gly	Pro	Leu	Lys	Thr	Pro	Xaa	Pro	Pro	Arg	Glu	Thr
65					70					75				80	

Asn	Pro	Leu	Ser	Pro	Pro	Ser	Gln	Pro	Pro	Thr	Lys	Pro	Xaa	Xaa	Lys
				85					90					95	

Pro	Pro	Phe	Gly	Lys	Xaa	Gly	Lys	Xaa	Lys	Gly	Glu	Gly	Gly	Gly	Leu
		100						105					110		

Gly	Xaa	Lys	Pro	Leu	Gly	Gly	Ile	Xaa	Gly	Phe	Trp	Ala	Gln	Xaa	Gly
		115					120					125			

Glu	Glu	Thr	Ser	Lys	Gly	Ser	Leu
	130					135	

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1				5					10					15	

Gly	Xaa	Asn	Phe	Pro	Pro	Arg	Gly	Gly	Phe	Pro	Xaa	Thr	Pro	Pro	Asn
		20						25					30		

Arg	Ala	Gly	Phe	Pro	Arg	Glu	Arg	Gly	Pro	Asn	Phe	Pro	Pro	Pro	Pro
	35						40					45			

Phe	Ser	Gln	Pro	Lys	Asn	Gln	Arg	Phe	Lys	Xaa	Lys	Xaa	Thr	Pro	Xaa
	50					55					60				

Asn	Xaa	Thr	Xaa	Gly	Leu	Gly	Lys	Thr	Phe	Phe	Leu	Gly	Gly	Gly	Glu
65					70					75					80

Thr	Phe	Ser	Leu	Gly	Lys	Xaa	Asn	Ser	Gln	Gly	Pro	Gly	Ser	Pro	Phe
				85						90				95	

7250

Asn Pro Gln Lys Gly Lys Pro Pro Pro Lys Gly Pro Pro Gln Lys Pro
 100 105 110

 Phe Gln Lys Gly Pro Leu Thr Gln Gly Pro Lys Xaa Gln Gly Pro Thr
 115 120 125

 Xaa Phe Pro Pro Gln Lys Xaa Pro Xaa Gly Pro Trp Xaa Pro Xaa Thr
 130 135 140

 Lys Val Ser Asn Xaa
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Thr Lys His His Gln Ile Gly Gly Gly Met Trp Gly Lys Asn Arg Ser
 20 25 30

Leu Xaa Glu Gln Ser His Pro Arg Gln Ala Gly Ala Pro Glu Trp Ile
 35 40 45

Glu Xaa Val Val Pro Glu Leu Gly Ser Leu Gly Arg Thr Xaa Xaa Leu

7251

50

55

60

Glu Met Lys Pro Gly Val Leu
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<211> 166

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 1 5 10 15
 Gly Pro Arg Xaa Phe Asn Pro Xaa Gly Phe Pro Arg Gly Xaa Xaa Phe
 20 25 30
 Ser Pro Pro Gly Gly Val Ser Arg Lys Pro Pro Gln Thr Gly Pro Gly
 35 40 45
 Phe Pro Arg Xaa Lys Gly Pro Leu Ile Ser Xaa Xaa Xaa Lys Xaa Lys

7254

50		55		60
Xaa Pro Xaa Pro Asn Xaa Pro Leu Gly Phe Leu Gly Lys Xaa Trp Glu				
65		70		75
				80
Lys Lys Gly Leu Gly Gly Xaa Ile Trp Pro Xaa Lys Xaa Asn Xaa Lys				
		85		90
				95
Xaa Phe Phe Leu Asn Phe Xaa Xaa Xaa Phe Gly Phe Phe Pro Leu Phe				
		100		105
				110
Gly Phe Pro Xaa Asn Pro Trp Ala Leu Phe Phe Xaa Xaa Phe Ser Pro				
		115		120
				125
Pro Pro Phe Leu Gly Leu Gly Leu Ala Leu Gly Phe Pro Lys Lys Xaa				
		130		135
				140
Phe Phe Leu Gly Gly Leu Ile Ser Gln Xaa Lys Lys Asn Leu Lys Lys				
		145		150
				155
				160
Pro Asn Phe Trp Glu Lys				
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<400> 8153

7255

His Arg Pro Lys Gly Phe Leu Xaa Ile Xaa Gly Thr Phe Asn Leu Asn
1 5 10 15

Lys Gly Gly Lys Lys Gly Phe Gly Val Gly Pro Xaa Pro Trp Ala Lys
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Xaa

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<211> 108

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<213> Homo sapiens

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7256

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Leu Asn Leu Asp Gly Val Gly Gln Met Xaa Glu His Leu Gly Tyr Ala
 20 25 30

Phe Phe Lys Val Ile Phe Phe Lys Asn Cys His Met Xaa Phe Val Glu
 35 40 45

Leu Trp Asn Leu Leu Leu Cys Leu Gly Leu Trp Thr Val Asn Asn Ile
 50 55 60

Phe Leu Lys Ile Cys Thr Ile Ala Xaa Arg Val Leu Leu Ser Lys Val
 65 70 75 80

Leu Leu Thr Leu Ile Phe Xaa Val Xaa Ala Trp Xaa Pro Leu Gln Xaa
 85 90 95

Thr Phe Ser Leu Leu Asn Trp Leu Pro Cys Leu Phe
 100 105

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7257

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1              5              10              15
Xaa Xaa Pro Phe Phe
      20

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Lys Leu Arg His Xaa His Phe Leu Pro Met Trp Ser Leu Xaa Thr Trp
 1              5              10              15
Glu Thr Ile His Glu Val Tyr Ile Leu Tyr Gly Asn Ile Val Ile Ala
      20              25              30
Gln Xaa Gln
      35

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Arg Lys Leu Val His Tyr Ile Phe Pro Asp Gln Ala Gly Xaa Glu Gln
1 5 10 15
Xaa Val His Ile Tyr Xaa
20

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Pro	His	Phe	Pro	Ala	Gly	Ile	Xaa	Lys	Xaa	Thr	Arg	Val	Pro	Arg	Met
1				5				10					15		

Gly	Phe	Cys	Phe	Leu	Lys	Lys	Lys	Lys	Glu	Gly	Xaa	Leu	Xaa	Gly	Leu
			20				25					30			

Lys	Phe	Ala	Trp	Xaa	Ser	Ile	Arg	Xaa	Arg	Ile	Leu	Cys	Pro	Ser	Xaa
		35					40					45			

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1 5 10 15

Xaa Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Ser Arg Xaa Ala
20 25 30

<210> 8160

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<400> 8160

Phe Phe Gly His Xaa Pro Pro Phe Phe Phe Leu Ser Xaa Xaa Pro Pro
1 5 10 15

Phe Phe Phe Lys Lys Lys Lys Gly Gly Ala Pro Pro Pro Phe Xaa Gly
20 25 30

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7261

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<400> 8161
 Xaa Phe Gly Xaa Xaa Pro Pro Phe Phe Leu Ile Xaa Xaa Pro Pro Phe
 1 5 10 15
 Phe Leu Lys Lys Lys Gly Gly Ala Pro Pro Leu Phe Trp Gly Xaa Pro
 20 25 30

Lys

<210> 8162
 <211> 34
 <212> PRT
 <213> Homo sapiens

<220>

7262

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<220>
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 <222> (27)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8162
 Xaa Pro Pro Phe Phe Phe Lys Lys Lys Lys Xaa Ile Phe Phe Xaa Phe
 1 5 10 15
 Phe Phe Trp Gly Ala Pro Pro Pro Pro Phe Xaa Phe Lys Lys Lys Lys
 20 25 30

Lys Lys

<210> 8163
 <211> 62
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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<400> 8163
 Gln Arg Lys Xaa Gly Thr Ala Gln Val Pro Xaa Arg Asn Ser Arg Val
 1 5 10 15
 Asp Pro Arg Val Arg Gln Gly Leu Gly Ala Ala Xaa Pro Leu Leu His
 20 25 30
 Pro Asp Gln Val Pro Xaa Xaa Leu Pro Ala Phe Phe His Leu Lys Lys
 35 40 45
 His Pro Pro Ser Pro Phe Asp Leu Xaa Glu Pro Pro Gly Xaa
 50 55 60

<210> 8164
 <211> 53
 <212> PRT
 <213> Homo sapiens

<400> 8164
 Lys Lys Cys Lys Leu Ser Leu Tyr Phe Asn Ile Cys Tyr Ser Leu Met
 1 5 10 15
 Asn Arg Asn Leu Cys Arg Arg Lys Gln Asn Thr Phe Thr His Leu Lys
 20 25 30
 Arg Glu Tyr Asn Ile Leu Cys His Tyr Asn Leu Leu Phe Phe Lys Leu
 35 40 45
 Val Tyr Ile Leu Leu

7264

50

<210> 8165

<211> 72

<212> PRT

<213> Homo sapiens

<400> 8165

Phe Thr Leu Thr Thr Ser Phe Ala Phe Leu Glu Ala Met Gln Tyr Arg
1 5 10 15

Arg Asp Tyr Arg Val Asn Leu Leu Phe Thr Asn Glu Ala Lys Arg Ser
20 25 30

Leu Ile Gly Ser Gln Ser Cys Ser Ser Tyr Cys Pro Pro Leu Tyr Ser
35 40 45

Gln Met Gln Asp Asn Cys Ile Leu Val Leu Phe Cys Gly Gly Ala Glu
50 55 60

Tyr Leu Leu Phe Leu Ser Asn Pro
65 70

<210> 8166

<211> 34

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

7265

<400> 8166

Xaa Val Trp Tyr Pro Cys Xaa Tyr Arg Ser Gly Xaa Pro Gly Ser Thr
1 5 10 15

His Ala Ser Gly Arg Xaa Arg Glu Val Val Lys Tyr Val Leu Phe Gly
20 25 30

Pro Gly

<210> 8167

<211> 24

<212> PRT

<213> Homo sapiens

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8167

Tyr Xaa Xaa Glu Asp Leu Gln Lys Pro Ala Arg Gly Tyr Asp Gly Lys
1 5 10 15

Lys Gln Met Lys Xaa Gly Gln Ala
20

<210> 8168

<211> 82

<212> PRT

<213> Homo sapiens

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<220>
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 <222> (79)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8168
 Ala Thr Ala Pro Cys Cys Pro Xaa Pro Pro Leu Leu Pro Leu Ser Asn
 1 5 10 15
 Asp Leu Leu Cys Pro Xaa Ser Gln Xaa Leu Leu Asp Pro Glu His Leu
 20 25 30
 Glu Gln Pro Ala Gly Gly Phe Gly Arg Leu Thr Leu Val Val Leu Ile
 35 40 45
 Ser Trp Leu His Ser Ser Gln Trp Xaa Glu Pro Ala Xaa Xaa Leu Ser
 50 55 60
 His Arg Glu Leu Glu Gln Lys Ser Cys Xaa Ser Asn Ser Trp Xaa Trp
 65 70 75 80

7267

Thr Pro

<210> 8169
<211> 19
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8169
Lys Val Lys Phe Leu Glu Asp Lys Asn Ser His Pro Xaa Gly Ala Phe
1 5 10 15

Xaa Arg Ile

<210> 8170
<211> 29
<212> PRT
<213> Homo sapiens

<220>
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<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (22)
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<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8170

Phe Cys Ala Leu Lys His Trp Arg Glu Arg Ile Arg Ile Glu Trp Glu
1 5 10 15

Thr Xaa Phe Ala Gln Xaa Phe Xaa Gly Ile Gly Ala Xaa
20 25

<210> 8171

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (30)

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<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8171

Asp Val Lys Ile Gln Tyr Lys Leu Glu Glu Phe Cys Ile Ile Ile Ile
1 5 10 15

Ile Gln Asn Ile Gly Arg Val His Asn Val Ile Lys Cys Xaa Ser Xaa
20 25 30

Ser Asn Glu Xaa Thr Phe Asp Lys Leu Leu Leu Lys Met Leu Pro Phe
35 40 45

<210> 8172

<211> 57

<212> PRT

7269

<213> Homo sapiens

<220>

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<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8172

Glu	Xaa	Ser	Ser	Ile	Xaa	Leu	Gly	Xaa	Tyr	Pro	Cys	Arg	Tyr	Thr	Val
1				5				10						15	

Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Val	Arg	Val	Val	Pro	Pro	Asn	Ile
			20					25					30		

Ser	Gln	Ala	Ser	Thr	Lys	Ala	Leu	Ser	Ser	Ser	Val	Arg	Val	Trp	Thr
		35					40					45			

Gly	Phe	Thr	Gly	Pro	Xaa	Xaa	Ile	Asp
	50					55		

<210> 8173

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

7270

<220>
<221> SITE
<222> (20)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8173
Pro Gly Asp Pro Cys Cys Glu Ala Lys Gly Gly Met Thr Arg Gly Gly
1 5 10 15

Lys Xaa Ser Xaa Arg Thr
20

<210> 8174
<211> 73
<212> PRT
<213> Homo sapiens

<220>
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<222> (5)
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<220>
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<220>
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<221> SITE
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 <222> (60)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (64)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (68)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8174
 Gly Gly Cys Gly Xaa Leu Gly Ala Phe Lys Asn Ser Asn Phe Xaa Pro
 1 5 10 15
 Val Asn Pro Xaa Gly His Trp Ala Xaa Lys Xaa Lys Gly Ile Leu Xaa
 20 25 30
 Trp Leu Trp Glu Arg Phe Val Lys Asn Gly Glu Pro Gly Phe Lys Ile
 35 40 45
 Lys Pro Trp Xaa Phe Phe Lys Pro Lys Gly Lys Xaa Gly Phe Phe Xaa
 50 55 60
 Leu Lys Lys Xaa Lys Leu Leu Gly Pro
 65 70

<210> 8175
 <211> 41
 <212> PRT
 <213> Homo sapiens

<400> 8175
 Ala Ser Ser Ser Arg Asp Pro Arg Thr Pro Ala Gly Pro Gly Leu Gly
 1 5 10 15
 Val Asn Arg Ala Ser Val Ser Ala Ser Ile Pro Phe Ala Phe Gly Asn
 20 25 30
 Phe Ser Cys His Leu Phe Met Asn Ile
 35 40

7272

<210> 8176

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8176

Xaa Thr Ile Trp His His Phe Gly Gly Phe Trp Lys Ile Xaa Pro Xaa

1

5

10

15

Xaa

<210> 8177

<211> 71

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8177

Thr Ser Glu Val Ser Ser Cys Trp Gly Gln Asp Pro Cys Leu Val Ser

1

5

10

15

7273

Met Ala Gly Lys Ala Val Ser Leu Pro Ser Cys Gly His Gln Pro Gln
20 25 30

Pro Pro Ser Gly Gly His Pro Gly Ser Ile Ser Pro Gly Glu Lys Tyr
35 40 45

Arg Ser Phe Thr Phe Pro Gly Tyr Xaa Pro Ser Arg Asn Val His Arg
50 55 60

Glu Ser Gly Asn Leu Trp Ser
65 70

<210> 8178

<211> 124

<212> PRT

<213> Homo sapiens

<220>

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<222> (50)

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<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (72)

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<222> (79)

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<222> (86)

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<220>

<221> SITE

<222> (95)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7274

<222> (110)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8178

Gln	Ala	Pro	Gln	Glu	Asp	Gly	Pro	Trp	Thr	Lys	Ala	Val	Thr	Pro	Pro
1				5					10					15	
Val	Lys	Asp	Asp	Asn	Glu	Asp	Val	Phe	Ser	Ala	Arg	Ile	Gln	Lys	Met
			20					25					30		
Leu	Gly	Ser	Cys	Val	Ser	His	Ala	Thr	Phe	Asp	Asp	Asp	Leu	Pro	Gly
		35					40					45			
Val	Xaa	Asn	Leu	Ser	Glu	Phe	Lys	Lys	Leu	Pro	Glu	Met	Ile	Arg	Pro
	50					55					60				
Xaa	Ser	Ala	Ile	Ser	Ser	Phe	Xaa	Val	Arg	Ser	Pro	Gly	Pro	Xaa	Pro
65					70					75					80
Gln	Gly	Leu	Leu	Ala	Xaa	Leu	Cys	Lys	Arg	His	Thr	Asp	Ser	Xaa	Ser
				85					90					95	
Ser	Asp	Met	Gln	Ala	Cys	Ser	Gln	Asp	Lys	Ala	Lys	Ile	Xaa	Leu	Gly
			100					105					110		
Ser	Ser	Ile	Asp	Ser	Val	Ser	Glu	Met	Ala	Ser	Ser				
		115					120								

<210> 8179

<211> 35

<212> PRT

<213> Homo sapiens

<400> 8179

Pro	Asn	Ile	Ser	Pro	Leu	Ile	Gly	Ile	Phe	Ser	Lys	Asn	Gln	Leu	Ile
1				5					10					15	
Thr	Cys	Val	Leu	Asp	Leu	Val	Ile	Cys	Ala	Pro	Gly	Arg	His	Thr	Phe
			20					25					30		
Ser	Trp	Phe													
		35													

<210> 8180

<211> 17

<212> PRT

<213> Homo sapiens

7275

<220>
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<222> (7)
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<220>
<221> SITE
<222> (8)
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<220>
<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8180
Glu Thr Tyr Leu Ile Met Xaa Xaa Met Glu Ile Thr Leu Xaa Leu Xaa
1 5 10 15

Tyr

<210> 8181
<211> 31
<212> PRT
<213> Homo sapiens

<220>
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<220>
<221> SITE
<222> (7)
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7276

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8181

Trp	Xaa	Ser	Leu	Ala	Leu	Xaa	Xaa	Lys	Cys	Met	Pro	Trp	Met	Asp	Xaa
1				5					10					15	

Met	Ser	Tyr	Ser	Ser	Tyr	Gly	Glu	Tyr	Asp	Ala	Trp	Ala	His	Ile
			20					25					30	

<210> 8182

<211> 152

<212> PRT

<213> Homo sapiens

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<222> (122)

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (152)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8182

Gly	Arg	Gln	Leu	Pro	Arg	Ser	Arg	Arg	Ser	Arg	Val	Phe	Ala	Asp	Arg
1				5					10					15	

Pro	Thr	Lys	Ser	Ser	Met	Arg	Ser	Ala	Ala	Lys	Pro	Trp	Asn	Pro	Ala
			20					25					30		

Ile	Arg	Ala	Gly	Gly	His	Gly	Pro	Asp	Arg	Val	Arg	Pro	Leu	Pro	Ala
			35				40					45			

Ala	Ser	Ser	Gly	Met	Lys	Ser	Ser	Lys	Ser	Ser	Thr	Ser	Leu	Ala	Phe
			50			55					60				

7277

Glu Ser Arg Leu Ser Arg Leu Lys Arg Ala Ser Ser Glu Asp Thr Leu
 65 70 75 80

Asn Lys Pro Gly Ser Thr Ala Ala Ser Gly Val Val Arg Leu Lys Lys
 85 90 95

Thr Ala Thr Ala Gly Ala Ile Ser Glu Leu Thr Glu Ser Arg Leu Arg
 100 105 110

Ser Gly Thr Gly Ala Phe Thr Thr Thr Xaa Arg Thr Gly Ile Pro Ala
 115 120 125

Pro Arg Glu Phe Ser Val Thr Ala Gln Xaa Arg Gly Leu Val Pro Arg
 130 135 140

Gly Pro Ser Asn Leu Xaa Lys Xaa
 145 150

<210> 8183

<211> 23

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8183

Ala Gln Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Thr Trp Xaa
 1 5 10 15

Ile Asn Leu Xaa Gly Ile Cys
 20

<210> 8184

<211> 25

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

7278

<222> (1)
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 <221> SITE
 <222> (13)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (22)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 8184
 Xaa Val Thr Leu Val Thr Gly Xaa Val Pro Arg Trp Xaa Arg Ala Ala
 1 5 10 15

 Ala Ala Arg Asp Ala Xaa Glu Glu Ala
 20 25

 <210> 8185
 <211> 50
 <212> PRT
 <213> Homo sapiens

 <400> 8185
 Asn Ile Arg Thr Leu Cys Phe Thr Lys Asn Asp Glu Arg Ile Leu Pro
 1 5 10 15

 His Val Leu Leu Cys Leu Glu His Phe Tyr Gly Pro Lys Arg Trp Arg
 20 25 30

 Arg Cys Cys Met Ser Ala Gly Phe Phe Phe Ser Tyr Thr Arg Ala Arg
 35 40 45

 Lys Asn
 50

 <210> 8186
 <211> 34
 <212> PRT
 <213> Homo sapiens

7279

<220>
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<222> (1)
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<222> (33)
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<220>
<221> SITE
<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8186
Xaa Tyr Pro Trp Thr Ile Arg Leu Leu Arg Glu Ser Trp Tyr Ala Cys
1 5 10 15
Arg Tyr Arg Ser Gly Ile Pro Gly Ser Xaa His Ala Xaa Xaa Tyr Ile
20 25 30
Xaa Xaa

<210> 8187
<211> 29
<212> PRT
<213> Homo sapiens

<220>
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<222> (4)

7280

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8187

Asn	Ser	His	Xaa	Leu	Phe	Gly	Lys	Leu	Pro	Ala	Cys	Arg	Xaa	Arg	Xaa
1				5				10					15		

Gly	Ile	Pro	Gly	Ser	Xaa	His	Ala	Phe	Xaa	Thr	Asp	Ala
			20					25				

<210> 8188

<211> 55

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (33)

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<222> (34)

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<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

7281

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<220>
<221> SITE
<222> (52)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8188
Ser Val Cys Asn Leu Ala Tyr Val Asn Ala Val Met Lys Leu Val Cys
1 5 10 15
Ser Ser Ile Thr Val Val Phe Lys His Ser Phe Ser Glu Ile Val Ile
20 25 30
Xaa Xaa Ser Val Leu Met Cys Ala Ser Xaa Xaa Phe Thr Cys Phe Ser
35 40 45
Pro Gly Ile Xaa Lys Trp Arg
50 55

<210> 8189
<211> 21
<212> PRT
<213> Homo sapiens

<220>
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<222> (3)
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<221> SITE
<222> (9)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (10)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8189
Ala Arg Xaa Ile Thr Thr Pro Val Xaa Xaa Val Leu Ile Lys Tyr Leu
1 5 10 15
Val Ser Trp Gly Leu
20

7282

<210> 8190

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8190

Xaa Arg Ile Lys Ser His Glu Phe Leu Val Lys Asn Phe Ala Ala Leu

1

5

10

15

Leu Leu Gly Gly Gly Gly Gly Gln Tyr Thr Thr Glu Met Xaa Tyr Xaa

20

25

30

Lys Xaa Xaa

35

<210> 8191

<211> 186

<212> PRT

<213> Homo sapiens

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7283

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<400> 8191
 Pro Gly Leu Gly Arg Phe Pro Leu Pro Ser Arg His Phe His Gly Pro
 1 5 10 15
 Ser Cys Pro Glu Thr Arg Leu Gln Asn Pro Thr Arg Pro Glu Trp His
 20 25 30
 Leu Pro Ser Gln Arg Gly Ala Phe Ala Lys Ser Thr Pro Thr Ala Gly
 35 40 45
 Arg Gln Ala Arg Ala Trp Lys Ser Lys Arg Gly Pro Ala Cys Pro Ala
 50 55 60

7284

Pro Trp Ser Leu Gly Phe Thr Thr Arg His Arg Gln Asn Pro Gly Gly
 65 70 75 80

Asp Thr Gly Gly Lys Gly Pro Asn Gly Ala Arg Ala Gly Cys Cys Val
 85 90 95

His Pro Leu Ala Leu Ala Trp Pro Trp Leu Pro Ala Ser Pro Leu Ala
 100 105 110

Gly Asp Thr Val Cys Arg Gln Ser Pro Ser Leu Gly Cys Lys Ala Phe
 115 120 125

His Thr Arg Xaa Xaa Xaa Arg Glu Asp Pro Gly Xaa Gly Pro Gly Lys
 130 135 140

Pro Cys Met Leu Gly Thr Gln Val Val Leu Gly Lys Gly Gln Ala Trp
 145 150 155 160

Lys Gly Gly Gln Val Pro Lys Xaa Asn Val Thr Gly Leu Gly Ile Phe
 165 170 175

Leu Xaa Ala Leu Xaa Xaa Lys Ser Leu Lys
 180 185

<210> 8192

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8192

Glu Pro Arg Leu Trp Lys Met Xaa Arg Arg Ile Trp Gly Trp Asn Asp
 1 5 10 15

7285

Leu Met Glu Xaa Asn Thr Xaa
20

<210> 8193

<211> 29

<212> PRT

<213> Homo sapiens

<220>

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<222> (10)

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8193

Ala	Gln	Gly	Leu	Leu	Leu	Pro	Ser	Pro	Xaa	Pro	Pro	Arg	Xaa	Gly	Leu
1				5					10					15	

Ile	Gly	Gln	Lys	Leu	Gln	Xaa	Xaa	Leu	Xaa	Cys	Leu	Gln
			20					25				

<210> 8194

<211> 76

<212> PRT

<213> Homo sapiens

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7286

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8194

Lys	Ile	Val	Arg	Ala	Lys	Leu	Thr	Ser	Gly	Thr	Glu	Thr	Ser	Ala	Gln
1					5				10					15	

Arg	Ser	Asn	His	Gln	Ile	Ile	Leu	Asn	Thr	Asn	Leu	Ile	Phe	Phe	Phe
			20					25					30		

Leu	Asn	Glu	Lys	His	Glu	Gly	Asn	Cys	Gly	Val	Ser	Leu	Leu	Trp	Ser
		35					40					45			

Xaa	Pro	Pro	Val	Val	Xaa	Gly	Ile	Glu	Glu	Asn	Ile	Asn	Thr	Leu	Thr
	50					55					60				

Pro	Phe	Phe	Asn	Leu	Cys	His	Leu	Lys	Val	Leu	Ala
65					70					75	

<210> 8195

<211> 49

<212> PRT

<213> Homo sapiens

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7287

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<400> 8195
 Lys Gln Ile Phe Leu Lys Arg Tyr Phe Cys Asn Leu Xaa Asn Leu Xaa
 1 5 10 15
 Phe Lys Ser Tyr Phe Ala Leu Gly Lys Ser Phe Gly Xaa Cys Ser Cys
 20 25 30
 Phe Xaa Trp Phe Thr Cys Xaa Pro Ser Ser Pro Lys Xaa Phe Gly Leu
 35 40 45

Xaa

<210> 8196
 <211> 64
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (64)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8196
 Arg Tyr Leu Ser Ser Glu Leu Lys Leu Pro Leu Ile Leu Ile Tyr Leu
 1 5 10 15
 Ser Ile Gly His Trp Pro Phe Phe Ser Lys Tyr Ser Ile Lys Trp Glu
 20 25 30
 Phe Ser Gly Arg Trp Val Ser Tyr Glu Val Ile Gly Val Cys Leu Ile
 35 40 45
 Ile Cys Asn Ser Asn Met Leu Tyr Phe Leu Lys Ser Met Gly Lys Xaa

7288

50

55

60

<210> 8197

<211> 62

<212> PRT

<213> Homo sapiens

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8197

Xaa Val Ser Phe Asp Leu Xaa Leu Thr Ser Val Ser Phe Phe Lys Pro

1

5

10

15

7289

Phe Met Ala Arg Val Ser Thr Ile Pro Ile Lys Glu Phe Ser Xaa His
20 25 30

Pro Arg Ile His Lys Cys Val Leu Xaa His Ser Val Ile Arg His Gln
35 40 45

Glu Leu Pro Leu Ile His Xaa Asp Phe Thr Tyr Xaa Asn Xaa
50 55 60

<210> 8198

<211> 26

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8198

Gly Xaa Trp Pro Ala Cys Arg Tyr Arg Ser Gly Ile Ser Gly Ser Xaa
1 5 10 15

Tyr Ala Thr Xaa Leu Arg Pro Gly Asp Asn
20 25

<210> 8199

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (5)

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7290

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 <222> (45)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8199
 Glu Glu Arg Glu Xaa Xaa Arg Pro Xaa Gly Ala Glu Gln Asn Gln Gly
 1 5 10 15
 Thr Gln Gln Thr Lys Glu Arg Xaa Arg Arg Thr Gly Pro Asn Pro Thr
 20 25 30
 Arg Xaa Ala Lys Lys Pro Glu Xaa Xaa Arg Thr Arg Xaa Ala
 35 40 45

<210> 8200
 <211> 87
 <212> PRT
 <213> Homo sapiens

7291

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7292

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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8200
 Xaa Leu Lys Ala Arg Pro Ala Arg Thr Xaa Arg Arg Xaa Arg Cys Xaa
 1 5 10 15
 Arg Pro Pro Arg Asn Pro Arg Gln Arg Arg Ser Xaa Trp Arg Thr Arg
 20 25 30
 Ala Gln Gly Leu Ala Arg Arg Arg Arg Xaa Xaa Arg Xaa Pro Arg Thr
 35 40 45
 Pro Arg Xaa His Arg Thr Pro Arg Ile Gln Arg Xaa Xaa Gly Pro Xaa
 50 55 60
 Trp Pro Arg Trp Ile Pro Arg Thr Xaa Arg Pro Ala Arg Ala Arg Trp
 65 70 75 80
 Ala Pro Trp Gly Lys Gly Pro
 85

<210> 8201
 <211> 88
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (5)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>

7293

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<222> (66)
<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE
<222> (88)
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<400> 8201
Asn Trp Ala Thr Xaa Val Asn Pro Arg Gly Val Xaa Pro Gly Gly Lys
1 5 10 15
Lys Xaa Ser Pro Arg Gly Gly Val Xaa Gly Lys Xaa Leu Gln Thr Gly
20 25 30

7294

Pro Gly Phe Xaa Thr Gly Xaa Phe Phe Gly Lys Xaa Lys Leu Val Lys
 35 40 45
 Leu Gly Gly Gln Leu Lys Gly Pro Phe Phe Leu Asn Gln Arg Gly Xaa
 50 55 60
 Thr Xaa Met Gly Ala Gln Met Gly Phe Leu Lys Gly Gly Pro Lys Arg
 65 70 75 80
 Val Lys Phe Pro Lys Lys Gly Xaa
 85

<210> 8202

<211> 21

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8202

Val Xaa Phe Leu Ser His Asp Tyr Leu Thr Ala Lys His Leu Ile Gly
 1 5 10 15

Leu Leu Leu Tyr His
 20

<210> 8203

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (16)

7295

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8203

Gly	Pro	Glu	Phe	Xaa	Gly	Arg	Pro	Thr	Arg	Pro	Gly	Phe	Gln	Xaa	Xaa
1				5				10					15		

Leu	Ala	Leu	Ile	His	Phe	Gln	Xaa	Asp	Xaa	Gln	Gln	Ala	Phe	Phe	Pro
			20					25					30		

Gln Glu

<210> 8204

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

7296

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (33)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 8204
 Asn Xaa Glu Pro Leu Ala Xaa Thr Pro Gly Lys Ser Xaa Gln Thr Phe
 1 5 10 15

 Pro Glu Xaa Cys Pro Ala Cys Arg Tyr Arg Xaa Xaa Asn Ser Arg Val
 20 25 30

 Xaa

<210> 8205
 <211> 33
 <212> PRT
 <213> Homo sapiens

 <220>
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 <222> (7)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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7297

<221> SITE
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (33)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8205
 Val Gly Glu Pro Leu Arg Xaa Thr Pro Gly Glu Ser Pro Xaa Xaa Phe
 1 5 10 15
 Pro Glu Asn Ser Pro Ala Gly Arg Xaa Thr Val Arg Xaa Xaa Arg Val
 20 25 30

Xaa

<210> 8206
 <211> 68
 <212> PRT
 <213> Homo sapiens

<400> 8206
 Ser Phe Arg Ile Met Glu Thr Trp Asn Trp Asn Thr Val Leu Val Ala
 1 5 10 15
 Phe Arg Thr Ile Ser Thr Arg Gln Gln Asp Thr Pro Thr Arg Ala Val
 20 25 30
 Cys Leu Arg His Phe Leu Lys Pro Lys Ser Asn Lys Lys Ala Gln Leu
 35 40 45
 Lys Asn Met Ala Ala Ser Leu Thr Phe Pro His Tyr Val Ala Phe Glu
 50 55 60
 Phe Leu Asn Ser
 65

<210> 8207
 <211> 51

7298

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8207

Xaa	Ala	Ala	Ser	Val	Ile	His	Ala	Leu	Pro	Gly	Pro	Ser	Thr	His	Cys
1				5					10					15	

Cys	Glu	Cys	Ala	Ser	Pro	Glu	Pro	Val	Lys	Arg	Gln	Leu	Ser	Ile	Leu
			20					25					30		

Glu	Thr	Gln	Ile	Ile	Arg	Ala	Leu	Pro	Cys	Thr	Glu	Glu	Lys	Gly	Ser
		35					40					45			

Thr	Arg	Pro
	50	

<210> 8208

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (5)

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<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8208

His	Trp	Asp	Phe	Xaa	Arg	Leu	Tyr	Ser	Tyr	Ile	Val	Pro	Ile	Ile	Leu
1				5					10					15	

Xaa	Val	Leu	Thr	Asn	Ser	Phe	Ile	Xaa	Ile	Arg	Thr	Lys	Trp	Lys	Asn
			20					25					30		

Arg	Lys	Val	Gly
-----	-----	-----	-----

7299

35

<210> 8209
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<220>
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<220>
<221> SITE
<222> (28)
<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (29)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (32)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8209
Xaa Arg Arg His Leu Leu Thr Leu Lys Glu Gly Thr Leu Pro Leu Gln
1 5 10 15

Val Pro Val Arg Asn Ser Arg Xaa Xaa Pro Arg Xaa Xaa Lys Asn Xaa
20 25 30

Lys

7300

<210> 8210
 <211> 33
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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<220>
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 <222> (28)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (31)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8210
 Leu Gln His Ala Arg His Ile Val Glu Xaa Xaa Thr Pro Cys Thr Tyr
 1 5 10 15
 Arg Ser Gly Xaa Pro Gly Ser Thr His Ala Phe Xaa Thr Met Xaa Glu
 20 25 30

Gly

<210> 8211
 <211> 33
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

7301

<220>
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<220>
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (27)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8211
 Arg Phe Xaa Thr Leu Xaa Ser Gly Thr Pro Pro Gly Thr Gly Pro Glu
 1 5 10 15
 Phe Pro Gly Arg Pro Thr Xaa Pro Xaa Xaa Xaa Ser Asn Gln Lys Lys
 20 25 30

Lys

<210> 8212
 <211> 17
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (13)

7302

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8212

Ser	Glu	Xaa	Ala	Gly	Pro	Leu	Arg	Ala	Gly	Gly	Glu	Xaa	Glu	Ser	Leu
1				5					10					15	

Thr

<210> 8213

<211> 28

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (12)

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<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8213

Phe	Leu	Ile	Arg	Asn	Met	Ile	Arg	Met	Cys	Xaa	Xaa	Thr	Thr	Xaa	Ala
1				5					10					15	

Phe	Xaa	Ile	Thr	Xaa	Leu	Thr	Tyr	Ile	Phe	Phe	Glu
			20					25			

<210> 8214

7303

<211> 22
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE
<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8214
Leu Val Lys Pro Pro Asn Gln Ile Val Asp Asp Trp Phe Xaa Ile Gly
1 5 10 15
Xaa Xaa Xaa Asp Leu Leu
20

<210> 8215
<211> 21
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8215
Asp Gln Glu Phe Gly Val Asp Val Gly Pro Xaa Glu Leu Phe Ile Asn
1 5 10 15
Gln Thr Leu Tyr Glu
20

7304

<210> 8216
<211> 29
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8216
Xaa Ile Asn Phe Xaa Tyr Ser Trp Xaa Tyr Cys Ile His Glu Ser His
1 5 10 15

Ser Xaa Asn Asp Xaa Thr Pro Gly Lys Gly Asn Ile Ala
20 25

<210> 8217
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<220>

7305

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 <400> 8217
 Ala Asn Ser Thr Ile Ile Ser Xaa Glu Lys Asn Cys Thr Gly Lys Lys
 1 5 10 15
 Tyr Thr Lys Leu Xaa Xaa Lys Lys Lys Lys Xaa Leu Gly Xaa Gly Thr
 20 25 30

 Arg

 <210> 8218
 <211> 132
 <212> PRT
 <213> Homo sapiens

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7306

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<400> 8218
 Lys Gly Gly Pro Gly Gln Met Cys Pro His Ile Leu Ser Gly Glu Glu
 1 5 10 15
 Asn Gly Gln Glu Arg Glu Ala Asp Pro Cys Ser Pro Cys Cys Tyr Val
 20 25 30
 Arg Arg Cys Gly Thr Glu Glu Pro Arg Cys Gly Gln Gly Gln Ala Arg
 35 40 45
 Arg Gly Thr Lys Arg Asn Glu Ser His Ile Gly Gly Gly Cys Ser Glu
 50 55 60
 His Asn Ser Leu Ala Thr Ala Arg Ser Pro Leu Arg Thr Xaa Arg Ile
 65 70 75 80
 Pro Gly Arg Gln Gln Val Ala Pro Xaa Arg Ala Pro Ala Pro Ala Xaa
 85 90 95
 Cys Lys Glu Cys Lys Cys Thr Phe Cys Lys Lys Ser Cys Cys Ser Cys
 100 105 110
 Cys Pro Xaa Gly Cys Pro Ser Val Pro Met Leu Arg Leu Xaa Arg Gly
 115 120 125

Ile Xaa Xaa Xaa

7307

130

<210> 8219

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8219

Glu	Asn	Ile	Xaa	Glu	Ser	Val	Ser	Ala	Met	Glu	Cys	Pro	Met	Gly	His
1				5					10					15	

Leu	Leu	Cys	Thr	Tyr	Cys	Leu	Xaa	Phe	Pro	Gln	Thr	Val	Ile	Phe	Leu
			20					25					30		

Asn	Thr	Ile	Asn	Tyr	Xaa	Asp	Glu	Lys	Lys	Asn
		35					40			

<210> 8220

<211> 52

<212> PRT

<213> Homo sapiens

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<222> (7)

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<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

7308

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<222> (37)
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<222> (50)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8220
Pro Thr Arg Val Ser Ala Xaa Leu Lys Thr Leu Leu Gly Lys Met Gly
1 5 10 15
Thr Val Pro Xaa Glu Ser His Xaa Ser Asp Xaa Gln Tyr Phe Xaa Ile
20 25 30
Ala Phe Asp Phe Xaa Val Leu Trp Asn Lys Cys Val Met Leu Cys Leu
35 40 45
Met Xaa Cys Ser
50

<210> 8221
<211> 17
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7309

<221> SITE
 <222> (5)
 <223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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 <222> (11)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8221
 Asp Ile His Xaa Xaa Gln Xaa Ala Gly Xaa Xaa Thr Tyr Thr Asp Pro
 1 5 10 15

Val

<210> 8222
 <211> 49
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (36)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8222
 Ile Gly Leu Tyr Tyr Lys Thr Leu Phe Ser Asn Leu Tyr Phe Cys Ser
 1 5 10 15

Asn Val Asn Asp Asn Arg Thr Leu Leu Glu Lys Arg Pro Met Ile Leu
 20 25 30

Asn Ile Val Xaa Cys Gln Leu Ile Val Leu His Gln Ser Pro Tyr Ser
 35 40 45

Cys

7310

<210> 8223
 <211> 48
 <212> PRT
 <213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (47)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8223
 Xaa Xaa Trp Asn Leu Xaa Tyr Arg Leu Ser Trp Tyr Ala Cys Arg Tyr
 1 5 10 15

Arg Ser Gly Ile Pro Gly Ser Thr His Ala Ser Val Lys Xaa Ser Tyr
 20 25 30

Ser Leu Ile Phe Val Ile Ser Leu Met Gly Xaa Ile Xaa Glu Xaa Gly
 35 40 45

7311

<210> 8224

<211> 22

<212> PRT

<213> Homo sapiens

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<222> (5)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8224

Lys	Glu	Gly	Phe	Xaa	Asn	Tyr	Xaa	Xaa	Val	Arg	Ala	Gly	Leu	Thr	Ile
1				5					10				15		

Glu	Cys	Asn	Xaa	Tyr	Val
			20		

<210> 8225

<211> 111

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7312

<221> SITE

<222> (92)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (105)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (110)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8225

Leu	Pro	Pro	Tyr	Arg	Glu	Leu	Leu	Val	Gly	His	Leu	Asp	Leu	Leu	Pro
1				5					10					15	

Phe	Leu	Glu	Gln	Leu	Tyr	Cys	Trp	Ala	Pro	Trp	Val	Gln	Thr	His	Leu
		20						25					30		

His	Leu	Asp	Leu	Leu	Gly	Ala	Ile	Val	Gln	Ala	Phe	Pro	Pro	Asp	Ser
		35					40					45			

Ser	Leu	Leu	Asp	Ser	Ala	Ser	His	Ala	Asp	Cys	Cys	Pro	Gln	Lys	Arg
	50					55					60				

Arg	Leu	His	His	Arg	Pro	Pro	Cys	Pro	Ala	Cys	Pro	Phe	Val	Gln	Ala
65					70					75					80

Gln	Trp	Ser	Arg	Gln	Gln	Val	Lys	Glu	Xaa	Leu	Xaa	Thr	Trp	Leu	Gly
				85					90					95	

Pro	Leu	Thr	Leu	Ala	Glu	Leu	Gln	Xaa	Trp	Leu	Gly	Ile	Xaa	Gly	
			100					105					110		

<210> 8226

<211> 42

<212> PRT

<213> Homo sapiens .

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

7313

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8226

Tyr	Met	Pro	Ser	Leu	Thr	Trp	Tyr	Ala	Leu	Arg	His	Thr	Xaa	Asp	Cys
1				5					10					15	

Tyr	Thr	Ser	Ile	Ser	Ile	Glu	Asn	Pro	Leu	Leu	Pro	Ile	Arg	Xaa	Ile
			20					25					30		

Leu	Ile	His	Phe	Xaa	Glu	Xaa	Xaa	Ser	Trp
			35					40	

<210> 8227

<211> 19

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8227

Asn	Gly	Val	Xaa	Lys	Leu	Ala	Val	Tyr	Thr	Ile	Ile	Xaa	Ile	Tyr	Phe
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7314

1 5 10 15

Met Lys Xaa

<210> 8228

<211> 104

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8228

Ala Pro Xaa Asp His Leu Pro Phe Pro Glu Ala Gly Ser Pro Glu Leu
1 5 10 15

Gly Leu Leu Val Pro Gly Leu Arg Gln Leu Leu Thr Gln Gln Cys Ile
20 25 30

Ser Arg Cys Ser Gln Gly Phe Trp Ala Pro Val Thr Ala Ala Ser Pro
35 40 45

Val Leu His Arg Pro Trp Ala Pro Arg Gly Trp Leu Ser Gly Ile Glu
50 55 60

Ala Ala Gly Ser Cys Thr Leu Phe Met Tyr Tyr Pro Ser Val Gly Arg
65 70 75 80

Ala Glu Arg Ala Ala Gly Ser Ser Trp Leu Gln Pro Ser Pro Thr Gln
85 90 95

Ser Ser Ser Gly Gly Gly Asp Pro
100

<210> 8229

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (42)

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7315

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<222> (43)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (44)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8229
Ser Tyr Thr Arg Thr Leu Gln Ile Val Phe Leu Lys Val Asn Tyr Asn
1 5 10 15
Val Glu Phe Glu Thr Ile Ser Met Asn Leu Tyr Ser Tyr Ile Lys Ser
20 25 30
His Cys Phe Thr Phe Lys Lys Lys Lys Xaa Xaa Xaa
35 40

<210> 8230
<211> 37
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

7316

<400> 8230

Val Lys Ser Val Ile Lys His Asn Pro Thr Val Xaa Ile Xaa Gly Pro
1 5 10 15
Ile Lys Asn Leu Thr Xaa Asp Ser Lys Cys Asp Xaa Asn Glu Ile Ile
20 25 30
Lys Val Xaa Tyr Leu
35

<210> 8231

<211> 130

<212> PRT

<213> Homo sapiens

<220>

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<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (120)

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<220>

<221> SITE

<222> (125)

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<222> (128)

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<220>

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<222> (129)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (130)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8231

Ala Ser Leu Ser Val Val His Arg Val Leu His Gly Val Pro Phe Leu
1 5 10 15

7317

Pro Glu Ile Phe Leu Gly Ser Leu Phe Leu Pro Arg Val Pro Ser Arg
 20 25 30
 Cys Arg Leu Leu Leu Pro Arg Val Pro Ser Leu His Ala Asp Phe Ser
 35 40 45
 Ser Arg Ala Ser Arg Leu Ser Thr Pro Pro Phe Pro Pro Ala Arg Pro
 50 55 60
 Xaa Ser Pro Pro Pro Phe Ala Pro Ala Arg Pro Val Ser Ala Pro Thr
 65 70 75 80
 Phe Pro Pro Ala Arg Pro Val Ser Met Ser Pro Pro Cys Asn Ile Trp
 85 90 95
 Arg Asp Phe Leu His Phe Val Pro Phe Ser Pro Ser Ile Asp Phe Phe
 100 105 110
 Val Leu Arg Leu Thr Ile Lys Xaa Leu Ile Ser Lys Xaa Lys Lys Xaa
 115 120 125
 Xaa Xaa
 130

<210> 8232

<211> 45

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (22)

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<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

7318

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8232

Val	Gln	Tyr	Xaa	Val	His	Lys	Thr	Glu	Leu	Leu	Met	Val	Thr	Ser	Thr
1				5				10				15			

Thr	Xaa	Ile	Phe	Arg	Xaa	Glu	Xaa	Asp	Gln	Ile	Phe	Met	Lys	Tyr	Trp
			20					25					30		

Leu	Cys	Ala	Xaa	Ile	Ser	Tyr	Lys	Ser	Glu	Tyr	Ala	Val
		35					40					45

<210> 8233

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

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<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (39)

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<222> (46)

7319

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8233

Ile	Tyr	Ile	Arg	His	Ile	Gly	Arg	Asp	Ala	Leu	Thr	Xaa	Xaa	Xaa	Gly
1				5					10					15	

Cys	Thr	Ile	Ala	Val	Ile	Leu	Thr	Arg	Val	Xaa	Gly	Glu	Val	Ile	Glu
			20					25					30		

Ile	Ser	Ser	Glu	Cys	Thr	Xaa	Leu	Tyr	Cys	Tyr	Met	Glu	Xaa	Ser	Ser
			35				40					45			

Xaa	Pro
	50

<210> 8234

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

7320

<400> 8234

Leu Xaa Lys Trp Gly Glu Asn Lys Cys Cys Gln Val Leu Xaa Leu Ser
1 5 10 15

Ala Ile Met Asn Met Ser Xaa Arg Ala Ser Cys Thr Xaa Ser Gly Asn
20 25 30

Thr Ile Thr Cys Leu Xaa
35

<210> 8235

<211> 42

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

7321

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8235

Xaa	Lys	Leu	Lys	Met	Leu	Xaa	Ser	Gly	Met	Ile	Arg	Val	Thr	Xaa	Asn
1				5					10					15	
Met	Lys	Gly	Ser	Thr	Xaa	Gln	Thr	Val	Met	Xaa	Phe	Pro	Ser	Gly	Pro
			20					25					30		
Phe	Ala	Xaa	Phe	Val	Gly	Xaa	Asn	Leu	Thr						
		35					40								

<210> 8236

<211> 49

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8236

Ser	Phe	Val	Phe	Met	Ala	Cys	Val	Lys	Leu	Leu	Gln	Asp	Val	Cys	Cys
1				5					10					15	
Gln	Lys	Arg	Leu	Asp	Gly	Phe	Lys	Lys	Met	Gly	Leu	Ser	Leu	Pro	Ser
			20					25					30		
Tyr	Ala	Ser	Ile	Xaa	Phe	Cys	Thr	Pro	Gln	Leu	Leu	Leu	Asn	Ser	Leu
		35					40					45			

Phe

<210> 8237

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7322

<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8237
Asp Tyr His Arg Pro Cys Pro His Leu Trp Trp Thr Xaa Xaa Tyr Thr
1 5 10 15
Gly Gly Pro Val Ile Xaa Leu Ser Tyr Lys Asp Phe Asn Gly Leu Lys
20 25 30
Lys Phe Xaa
35

<210> 8238
<211> 18
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (9)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8238

7323

Ile Lys Cys Thr Pro Leu Lys Lys Xaa Asn Lys Xaa Lys Xaa Val Leu
 1 5 10 15

Xaa Lys

<210> 8239

<211> 50

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8239

Ala Pro Pro Xaa Leu Ala Ala Gly Pro Ala Arg Pro Ala Pro Gly Val
 1 5 10 15

Arg Pro Pro Arg Ser Arg Ala Leu Arg Ala Arg Arg Asp Val Ser Ser
 20 25 30

Leu Pro Ala Arg Gly Pro Ala Arg Xaa Gly Xaa Arg Pro Glu Xaa Gln
 35 40 45

Arg Xaa

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7324

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7325

<400> 8240

Val Arg Gln Leu Gln Val Asn Xaa Xaa Arg Gly Lys Arg Ile Gly Xaa
 1 5 10 15

Ile Pro Gly Pro Val Glu Thr Arg Pro Xaa His Cys Ile Val Leu Tyr
 20 25 30

Glu Ala Arg Xaa Thr Ser Phe Ala Arg Arg Glu Gln Val Asp Ala Ser
 35 40 45

Leu His Met Tyr Ser Lys Met Thr Ala Gly Gln Xaa Met Asn Lys Cys
 50 55 60

Xaa Ser Asn Ala Cys Xaa Xaa Arg
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<400> 8241

Thr Lys Xaa Asp Ile Tyr Tyr Glu Met Val Ile Phe Xaa Xaa Xaa Ile

7326

1	5	10	15
Phe Cys Leu Lys Cys Ile Gly Leu Lys Glu Ile Cys Met Leu Leu Ile			
	20	25	30
Asn Val Thr Ser Tyr Xaa Asn Phe			
	35	40	

<210> 8242

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<400> 8242

His Asp Tyr Met Lys Xaa Gln Tyr Ala Leu Thr Xaa Gly Ile Leu Lys
1 5 10 15

Xaa Asn Xaa Glu Glu Xaa
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<210> 8243

<211> 39

7327

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Xaa Val Thr Leu Xaa Pro Cys Glu Val Val Tyr Ser Gln Asp Xaa Ala

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5

10

15

Gly Lys Arg Xaa Tyr Ser Cys Pro Val Tyr Gln Met Ile Ser Asp Ser

20

25

30

Leu Arg Asn Gly Gly Xaa Xaa

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<400> 8244
Leu Gln Xaa His Val Leu Met Asn Ala Xaa Asn Thr Tyr Xaa Lys Gln
1 5 10 15
Lys Trp Xaa Glu Asp Phe Glu Ile
20

<210> 8245
<211> 46
<212> PRT
<213> Homo sapiens

<400> 8245
Ser Gln Met Thr Cys Arg Lys Tyr Cys His Ile Val His Phe Ile Ile
1 5 10 15
Phe Cys Cys Arg Lys Pro Leu His His Arg Met Leu Ile Cys Gln Trp
20 25 30
Tyr Pro Val Pro Leu Val Tyr Arg Leu Leu Gln Ile Leu Phe
35 40 45

<210> 8246
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<400> 8246
 Gly Leu Lys Thr Phe Ile Gly Trp Val Trp Tyr Xaa Arg Phe Xaa Xaa
 1 5 10 15

Xaa Asp

<210> 8247
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<400> 8247
 Glu Thr Ile His Xaa Xaa Ile Glu Ser Ile Thr Xaa Phe Lys Leu Ile
 1 5 10 15

7330

<210> 8248

<211> 27

<212> PRT

<213> Homo sapiens

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<400> 8248

Val	Leu	Tyr	Ile	Glu	Arg	Xaa	Leu	Ser	Ile	Xaa	Asn	Gln	Xaa	Phe	Arg
1				5					10					15	

Phe	Tyr	Cys	Gly	Ser	Ile	Phe	Asn	Ala	His	Ile
			20					25		

<210> 8249

<211> 40

<212> PRT

<213> Homo sapiens

<400> 8249

Leu	Thr	Asn	Phe	His	Phe	Lys	Lys	Lys	Ala	Tyr	Lys	Val	Thr	Tyr	Met
1				5					10					15	

Ile	Phe	Pro	Leu	Arg	Ser	Ala	Leu	Ile	Ser	Trp	Ile	Pro	Leu	Cys	Asn
			20					25					30		

Ile	Phe	Ile	Ile	Ile	Ile	Ser	Lys
							40

7331

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7332

<400> 8250

Xaa Thr Pro Met Gly Asn Thr Xaa Arg Xaa Tyr Ala Lys Xaa Asp Arg
1 5 10 15

Ser Gly Ile Pro Gly Ser Thr His Ala Ser Gly Gly Gly Gly Leu Tyr
20 25 30

Phe Ile Pro Ala Leu Gly Leu Xaa Asp Glu Ser Xaa Thr Gln Xaa Xaa
35 40 45

Xaa Leu
50

<210> 8251

<211> 51

<212> PRT

<213> Homo sapiens

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<400> 8251

7333

Thr His Ala Thr Met Ser Phe Xaa Thr Pro Ala Val Lys Arg Leu Cys
 1 5 10 15

Xaa Ala Cys Val Leu Phe Ala Asp Leu Ser Leu Thr Trp Pro Trp Gln
 20 25 30

Ala Val Gly Arg His Leu Val Xaa Ala Asp Xaa Xaa Asp His Ser Tyr
 35 40 45

Leu Xaa Met
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<210> 8252

<211> 32

<212> PRT

<213> Homo sapiens

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<400> 8252

Gly Thr Xaa Leu Ser Pro Met Arg Ala Gln Trp Asn Xaa Xaa Ser Arg
 1 5 10 15

Met Gln Pro Val His Leu Arg Pro Cys Leu Glu Gly Val Tyr Leu Asn
 20 25 30

<210> 8253

<211> 22

<212> PRT

<213> Homo sapiens

7334

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<400> 8253
 Glu Arg Xaa Asp Val Thr Glu Ala Xaa Trp Asn Pro Leu Pro Ser Pro
 1 5 10 15
 Xaa Thr Xaa Gly Thr Ser
 20

<210> 8254
 <211> 47
 <212> PRT
 <213> Homo sapiens

<400> 8254
 Gly Asn Ser Ile Glu Met Leu Asn Thr Ile Ser Glu Ser Tyr Val Phe
 1 5 10 15
 Phe Leu Ser Ser Gly Ile Pro Leu Leu Tyr Phe Tyr Lys Leu Phe Ser
 20 25 30
 His Cys His Trp Asn Arg Tyr Leu Arg Leu Cys Arg Tyr Ala Ile
 35 40 45

<210> 8255
 <211> 59
 <212> PRT
 <213> Homo sapiens

7335

<400> 8255

Ala Ala Cys Thr Pro Ala Ala Tyr Ile Phe Leu Ala Thr Lys Leu Pro
1 5 10 15
Ala Thr Gly Ser Ala Glu Pro Ser Ser Trp Ser Val Ile Thr Glu Gln
20 25 30
Cys Ile Leu Ala Leu Asp Val Ser Val Asp Lys Leu Ala Glu Phe Leu
35 40 45
Tyr His Ile Leu Ser Thr Arg Ser Leu Leu Phe
50 55

<210> 8256

<211> 41

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8256

Ser Glu Lys Val Lys Thr Ala Phe Thr Lys Pro Gly Arg Trp Gly Leu
1 5 10 15
Cys Glu Pro Leu Cys Thr Gly Ser Leu Arg Asp Ser Ala Trp Cys Ser
20 25 30
Arg Xaa Ile Leu Ala Xaa Val Gly Glu
35 40

<210> 8257

<211> 19

<212> PRT

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<400> 8257

Ala	Gln	Gly	Leu	Leu	Leu	Pro	Ser	Pro	Pro	Pro	Pro	Val	Tyr	Leu	Ser
1				5					10					15	

Xaa Xaa Xaa

<210> 8258

<211> 27

<212> PRT

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<400> 8258

Gly	Arg	Gly	Xaa	Ala	Ala	Gly	Leu	Arg	Gly	Arg	Thr	Thr	Gly	Xaa	Gly
1				5					10					15	

Arg	Arg	Gln	Thr	Leu	Xaa	Trp	Gly	Phe	Pro	Xaa
			20				25			

7337

<210> 8259

<211> 34

<212> PRT

<213> Homo sapiens

<400> 8259

Lys Thr Gln Val Cys Pro Cys Val Ser Tyr Lys Val His Leu Lys Leu
1 5 10 15

Val Ser Val Cys His Ile Ser Leu Ser Trp Tyr Ile Lys Cys Ser Leu
20 25 30

His Ile

<210> 8260

<211> 44

<212> PRT

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<400> 8260

Leu Glu Lys Pro Cys Xaa Thr Ser Pro Gly Thr Pro Pro Glu Phe Pro
1 5 10 15

Gly Arg Pro Thr Arg Pro Pro Pro Leu Xaa Gly Phe Arg Xaa Ala Cys
20 25 30

7338

Pro Arg Xaa Gly Phe Pro Arg Asp Ser Gly Val Trp
35 40

<210> 8261

<211> 51

<212> PRT

<213> Homo sapiens

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<400> 8261

Ala Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr
1 5 10 15

Arg Pro Gly Gly Xaa Ile Gly Glu Gly Pro Glu Ser Val Leu Gly Gly
20 25 30

Gly Ile Gly Glu Gly Pro Glu Cys Gly Leu Gly Gly Gly Ile Gly Glu
35 40 45

Gly Pro Glu
50

<210> 8262

<211> 56

<212> PRT

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<400> 8262

7340

Phe Leu Xaa Xaa Xaa Leu Leu Gly Phe Met Gln Arg Gln Xaa Cys Val
 1 5 10 15

Asn Xaa Gln Lys Thr Leu Ile Trp Lys Tyr Glu Asn Gln Xaa Xaa Leu
 20 25 30

Xaa Ile Lys Asn Xaa Xaa Thr Xaa Val Ile Ile Leu Lys Xaa Ile Leu
 35 40 45

Xaa Lys Ile Thr His Leu Ile Lys
 50 55

<210> 8263

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<221> SITE

<222> (17)

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<400> 8263

Ala Xaa Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Xaa Xaa Leu
 1 5 10 15

Xaa Gln

<210> 8264

<211> 24

<212> PRT

7341

<213> Homo sapiens

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<400> 8264

Ala	Pro	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Xaa	Glu	Val
1				5				10					15		

Leu	Arg	Cys	Arg	Xaa	Arg	Ile	Gly
			20				

<210> 8265

<211> 33

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<213> Homo sapiens

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<222> (19)

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<400> 8265

Asp	Thr	Gln	Thr	His	Ala	Xaa	Cys	Pro	Asn	Ser	Cys	Arg	Thr	Leu	Asn
1				5				10					15		

Xaa	Glu	Xaa	Asp	Gly	Thr	Leu	Thr	Lys	Ser	Val	Thr	Glu	Pro	Leu	Arg
			20					25					30		

Met

7342

<210> 8266
 <211> 34
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<400> 8266
 Glu Ser Met Leu Met Lys Pro Val Thr Pro Cys Arg Pro Ile Gly Lys
 1 5 10 15

Glu Xaa Gly Pro Arg Xaa Ser Val Thr Pro Xaa Thr Gly Ala Leu Tyr
 20 25 30

Leu Ser

<210> 8267
 <211> 28
 <212> PRT
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<400> 8267

Lys Xaa Xaa Thr Pro Phe Leu Ser Leu Pro Ser Phe Leu Ala Leu His
1 5 10 15

Pro Ser Ser Phe Met Leu Xaa Val Val Leu Asn Lys
20 25

<210> 8268

<211> 22

<212> PRT

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<400> 8268

Ala Pro Xaa Cys Pro Ser Trp Arg Ser Ser Cys Ile Arg Pro Asn Asn
1 5 10 15

Asp Met Ala Arg Xaa Leu
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<210> 8269

<211> 42

<212> PRT

<213> Homo sapiens

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<222> (28)

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<400> 8269

Glu Pro Pro Tyr Arg Val Gly Gly Arg Ser Xaa Ala Pro Asp Gly His
1 5 10 15

Thr Gly Thr Ala Asp Ala Asn Gly Ala Ser Xaa Xaa His Pro Ala Thr
20 25 30

Arg Ala Cys Ala Gly Ser Thr Gln Gly Gly
35 40

<210> 8270

<211> 48

<212> PRT

<213> Homo sapiens

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<400> 8270

Ser Pro Pro Ile Gly Leu Arg Asp Xaa Pro Glu Xaa Pro Gly Arg Pro
1 5 10 15

Thr Arg Pro Thr Leu Leu Gly Leu Arg Leu Pro Gly Ser Leu Ser Pro
20 25 30

Pro Glu Asp Leu Pro Val Arg Asp Leu Ala Xaa Trp Gly Xaa Ser Leu
35 40 45

7345

<210> 8271
<211> 44
<212> PRT
<213> Homo sapiens

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<400> 8271
Leu Arg Val Leu Lys Gly Xaa Gly Lys Gln Xaa Val His Xaa Ser Lys
1 5 10 15

Asn Tyr Asn Ile Leu Glu Glu Tyr Xaa Leu Pro Tyr Val Asn Thr Phe
20 25 30

Pro Ala Xaa Phe Glu Xaa Val Gly Trp Gly Glu Thr
35 40

7346

<210> 8272
 <211> 36
 <212> PRT
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 Thr Trp Gly Lys Tyr Ala Arg Xaa Glu Glu Ala Lys Leu Asn Glu Asn
 20 25 30
 Gly Asp Ala Gly
 35

<210> 8273
 <211> 47
 <212> PRT
 <213> Homo sapiens

<400> 8273
 Met Leu Phe Met Ile Ser Glu Pro Cys Ser Ile Leu Trp Leu Phe Phe

7347

1 5 10 15
Phe Leu Ile Tyr Leu Tyr Phe Tyr Cys Tyr Tyr Leu Lys Lys Asn Phe
20 25 30
Leu Cys Leu Ile Thr Asn Ser Ser Leu Lys Phe Pro Thr Ile Val
35 40 45

<210> 8274

<211> 22

<212> PRT

<213> Homo sapiens

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<400> 8274

Xaa Lys Lys Lys Lys Lys Lys Arg Lys Ser Gln Lys Glu Arg Asp Lys
1 5 10 15

Glu Val Ser Asp Asp Glu
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<210> 8275

<211> 93

<212> PRT

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Val	Lys	Leu	Val	Arg	Leu	Gln	Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp
1				5				10						15	

Pro	Xaa	Val	Arg	Ser	Gly	Leu	Pro	Ala	Pro	Gly	Pro	Gly	Asn	Xaa	Leu
			20					25					30		

Leu	Lys	Ala	Glu	Pro	Arg	Xaa	Cys	Xaa	Ser	Leu	Leu	Pro	Val	Leu	Pro
		35					40					45			

Pro	Gln	Lys	Pro	Ser	Ser	Pro	Gly	Gly	Ala	Asp	Gly	Ala	Arg	Val	Gln
	50					55					60				

Thr	Arg	Ser	Leu	Pro	Pro	Gln	Xaa	Cys	Leu	Ala	Pro	Leu	Asp	Leu	Cys
65					70					75					80

Lys	Gly	Gly	Val	Thr	Ala	Gly	Ser	Glu	Pro	Leu	Ala	Leu
				85					90			

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<211> 37

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<400> 8276

Xaa	Xaa	Gly	Lys	Xaa	Arg	Thr	Ile	Gly	Gln	Ala	Gly	Thr	Pro	Ala	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7349

1 5 10 15
Thr Gly Pro Glu Phe Pro Gly Arg Pro Ile Arg Pro Asp Phe Ser Phe
 20 25 30
Ser Asp Thr Arg Gly
 35

<210> 8277

<211> 27

<212> PRT

<213> Homo sapiens

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<400> 8277

Gly Xaa Phe Asn Leu Lys Met Ser Lys Phe Xaa Xaa Arg Leu Asn Ala
1 5 10 15

Val Gln Phe Xaa Gly Met Asn Asp Ile Xaa Arg
 20 25

<210> 8278

<211> 29

7350

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8278

His	Ser	Tyr	Asn	Ala	Ser	Lys	Leu	Asp	Thr	Ser	Ser	Phe	Xaa	Arg	Xaa
1				5				10					15		

Val	Lys	Cys	Met	Gln	Asn	Asn	Ile	Xaa	Lys	Ser	Ile	Asp
			20				25					

<210> 8279

<211> 75

<212> PRT

<213> Homo sapiens

<400> 8279

His	Ile	Lys	Glu	Gly	Phe	Cys	Arg	Gly	Glu	Leu	Ser	Leu	Asn	Tyr	Gly
1				5				10					15		

Arg	Thr	Phe	Gln	Ala	Asp	Thr	Asn	Ala	Lys	Ala	Leu	Gln	Cys	Glu	Glu
			20					25					30		

Leu	Thr	Thr	His	Lys	Asp	Gly	Glu	Gln	Phe	Ile	Val	Thr	Gly	Ala	Gln
			35				40					45			

Gly	Ala	Ala	Lys	Glu	Leu	Glu	Arg	Gly	Lys	Gly	His	Thr	Lys	Glu	Ser
			50				55				60				

Leu	Ile	Gln	Arg	Val	Trp	Thr	Ile	Lys	Gly	Phe
65					70					75

<210> 8280

7351

<211> 52
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 Ser Ile Ile Ala Phe Lys Asn Glu Gly Cys Leu Ile Xaa Pro Phe Xaa
 1 5 10 15

Leu Tyr Ser Val Gly Leu Xaa Thr Xaa Asn Cys Xaa Leu Gln Leu Leu
 20 25 30

Lys Gly Gln Arg Val Asn Leu Thr Tyr Xaa Thr Ala Arg Ile Trp Xaa
 35 40 45

Ser Glu Leu Phe
 50

7352

<210> 8281

<211> 52

<212> PRT

<213> Homo sapiens

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<400> 8281

Ser	Val	Arg	Phe	Arg	Val	Asn	Ile	Trp	Val	Cys	Leu	Thr	Leu	Lys	Pro
1				5					10					15	

Met	Phe	Phe	Leu	Leu	Leu	Ser	Val	Thr	Ser	Ser	Leu	Val	Phe	Asn	Ser
			20					25					30		

Asn	Arg	Ser	Thr	Val	Ile	Lys	Leu	Cys	Leu	Ser	Gly	Lys	Lys	Xaa	Xaa
		35					40					45			

Xaa	Lys	Lys	Xaa
			50

<210> 8282

<211> 62

<212> PRT

<213> Homo sapiens

<400> 8282

Lys	Leu	Ser	Phe	Ala	Ala	Ile	Asn	Arg	Tyr	Gly	Asn	Ile	Cys	Arg	Ile
1				5					10					15	

7353

Gly Leu Thr Asp Phe Val Lys Gln Met Ser Cys Tyr Phe Ala Ile Val
 20 25 30

Arg His Ala Val Val Leu Lys Ile Thr Leu Ile Glu Gly Lys Asn Ile
 35 40 45

Gly Ile Arg Leu Asn Arg Tyr Arg Phe Ser Asp Asn Asp His
 50 55 60

<210> 8283

<211> 52

<212> PRT

<213> Homo sapiens

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<400> 8283

Glu Xaa Pro Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val
 1 5 10 15

Arg Leu Cys Pro Xaa Val Glu Phe Leu Ala Pro Leu Pro Val Pro Xaa
 20 25 30

Cys Val Pro Gly Arg Arg Ala Gly Leu Gly Ala Xaa Glu Pro Pro Cys
 35 40 45

7354

Leu Xaa Glu Ala
50

<210> 8284
<211> 40
<212> PRT
<213> Homo sapiens

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<400> 8284
Xaa Gly Xaa Xaa Glu Arg Pro Gln Val Pro Val Arg Asn Ser Arg Val
1 5 10 15

Asp Pro Arg Val Arg Ile Phe Lys Phe Gly Gln Pro Xaa Ser Ala Arg

7355

20

25

30

Asn Xaa Xaa Xaa Thr Asp Leu Thr
 35 40

<210> 8285

<211> 47

<212> PRT

<213> Homo sapiens

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<400> 8285

Ala Ser Xaa Gly Thr Leu Trp Ile Gly Leu Xaa Gly Asn Val Ser Arg
 1 5 10 15

7356

Tyr Arg Pro Gly Ile Pro Gly Ser Thr His Ala Ser Gly Ile Lys Thr
20 25 30

Trp Asn Arg Xaa Lys Arg Asn Pro Ile Xaa Xaa Gln Xaa Xaa Ala
35 40 45

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<210> 8286
<211> 44
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<400> 8286
Thr Xaa Gly Lys Ala Tyr Xaa Glu Ser Phe Pro Gly Thr Ala Pro Glu
1 5 10 15

7357

Phe Pro Gly Arg Pro Thr Arg Xaa Xaa Ser Pro Val Ser Pro Xaa Ala
 20 25 30

Pro Asp Pro Thr Xaa Leu Leu Leu Xaa Pro Leu Leu
 35 40

<210> 8287

<211> 56

<212> PRT

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<400> 8287

Leu Leu Xaa Leu Gly Gly Thr Ala Pro Gln Val Pro Val Arg Asn Xaa
 1 5 10 15

Arg Val Asp Pro Arg Val Arg Xaa Phe Ile Gly Ala Ile Gln Asn Ser
 20 25 30

Ser Xaa Pro Thr Ile Gln Glu Tyr Arg Arg Gln Phe Glu Ser His Ser
 35 40 45

Phe Phe Leu Lys Phe Ser Thr Ser
 50 55

<210> 8288

<211> 50

7358

<212> PRT

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<400> 8288

Asp	Thr	Thr	Cys	Ile	Leu	Ile	Xaa	Ser	Asp	Leu	Phe	Asp	Leu	Xaa	Leu
1				5				10					15		

Gln	Gly	Lys	Ile	Leu	Asn	Glu	Lys	Arg	Gly	Ser	Glu	Met	Met	Xaa	Xaa
			20					25					30		

Thr	Arg	Tyr	Leu	Asp	Phe	Leu	Trp	Ala	Xaa	Thr	Cys	Glu	Thr	Ser	Ile
		35					40					45			

Xaa	Thr
	50

<210> 8289

<211> 62

<212> PRT

7359

<213> Homo sapiens

<400> 8289

Gly Trp Phe Cys Leu Phe Leu Phe Gly Ser Leu Phe Phe Ile Phe Phe
 1 5 10 15
 Leu Thr Tyr Pro Phe Pro Pro Leu Ser Val Glu Asp Phe Leu Phe Ser
 20 25 30
 Asp Ser Leu Thr Gln Phe Gln Thr Glu Pro Ser Phe Thr Asp Tyr Phe
 35 40 45
 Gly Val Leu Val Val Leu Asn Leu Thr Gln Gln Pro Phe Met
 50 55 60

<210> 8290

<211> 63

<212> PRT

<213> Homo sapiens

<400> 8290

Gly Asn Phe Gly Gly Gly Asn Tyr Gly Gly Gly Gly Asn Tyr Asn Asp
 1 5 10 15
 Phe Gly Asn Tyr Ser Gly Gln Gln Gln Ser Asn Tyr Gly Pro Met Lys
 20 25 30
 Gly Gly Ser Phe Gly Gly Arg Ser Ser Gly Ser Pro Tyr Gly Gly Gly
 35 40 45
 Tyr Gly Ser Gly Gly Gly Ser Gly Gly Tyr Gly Ser Arg Arg Phe
 50 55 60

<210> 8291

<211> 75

<212> PRT

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 Asp Arg Met Cys Cys Xaa Val Ser Asp Pro Met Ile Gln Val Met Ser
 1 5 10 15
 Ser Arg Thr Leu Xaa Thr Arg Leu His Thr Pro Pro Pro Phe Gln Pro
 20 25 30
 Gln His Trp His His Xaa Lys Ala Gly Tyr Pro Arg Gly His Gly Met
 35 40 45
 Ile Ala Ser Ser Ser Trp Ser Leu Val His Xaa His Leu His Ala Xaa
 50 55 60
 Glu Glu Ser Gly Trp Ile Leu Gly Ala Leu Xaa
 65 70 75

<210> 8292
 <211> 21
 <212> PRT
 <213> Homo sapiens

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7361

<222> (19)

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<221> SITE

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<400> 8292

Ser	Arg	Ser	Pro	Pro	Ser	Leu	Pro	Pro	Pro	Pro	Arg	Glu	Xaa	Leu	Leu
1					5				10					15	

Lys	Ile	Xaa	Xaa	Cys
				20

<210> 8293

<211> 30

<212> PRT

<213> Homo sapiens

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<400> 8293

Glu	Pro	Xaa	Glu	Leu	Cys	Phe	Val	Ile	Gln	Gly	Ser	Trp	Xaa	Glu	Gln
1				5					10					15	

7362

Pro Ser Xaa Ser Leu Thr Gln Ser Thr Lys Cys Xaa Leu Xaa
 20 25 30

<210> 8294

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<400> 8294

Pro Xaa Cys Cys Cys Arg Asn Ser Leu Val Xaa Thr Leu Met Xaa Ser
 1 5 10 15

Arg Met Asp Gly Glu Tyr Xaa Ile Glu Leu Cys Xaa Leu Pro Ser Leu
 20 25 30

Phe

<210> 8295

<211> 75

<212> PRT

<213> Homo sapiens

7363

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<400> 8295
 Arg Leu Arg Tyr Arg Ala Gly Thr Gly Pro Glu Phe Pro Xaa Arg Pro
 1 5 10 15
 Thr Arg Xaa Ala Leu Pro Pro Leu Leu Pro Trp Asn Val Arg Asp Pro
 20 25 30
 Gly Ala Ala Ala Ser Pro Xaa Ala Thr Gly Ile Pro Gly Thr Tyr Glu
 35 40 45

7364

Ala Gly Ser Lys Glu Arg Val Leu Val Xaa Xaa Xaa Arg Xaa Cys Leu
 50 55 60

Lys Ala Leu Gly Xaa Leu Cys Thr Cys His Leu
 65 70 75

<210> 8296

<211> 33

<212> PRT

<213> Homo sapiens

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<400> 8296

Pro Asn Ser Met Cys Thr Trp Ser Xaa Ile Xaa Lys Ile Leu Xaa Ala
 1 5 10 15

Leu Phe Ala Leu Val Leu Phe Ser Met Val Thr Thr Ala Thr Thr Thr
 20 25 30

Cys

<210> 8297

<211> 35

<212> PRT

<213> Homo sapiens

<220>

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7365

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<400> 8297
Tyr Xaa Asn Met Ser Lys Arg Ser Asp Ser Val Lys Gly Lys His Arg
1 5 10 15

Tyr Xaa Ser Ala Phe Cys Xaa Xaa Ser Trp Gln Arg Asp Ser Glu Xaa
20 25 30

Cys Thr Xaa
35

<210> 8298
<211> 23
<212> PRT
<213> Homo sapiens

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7366

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<400> 8298

His	Asp	Ile	Leu	Lys	Met	Glu	Ala	Lys	Gly	Tyr	Lys	Phe	Tyr	Asn	Xaa
1				5					10					15	

Leu	Glu	Xaa	Phe	Xaa	Pro	Cys
				20		

<210> 8299

<211> 19

<212> PRT

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8299

Ala	Gln	Gly	Leu	Leu	Leu	Pro	Ser	Pro	Pro	Pro	His	Val	Phe	Xaa	Xaa
1				5					10					15	

Gly	Xaa	Leu
-----	-----	-----

<210> 8300

<211> 44

<212> PRT

<213> Homo sapiens

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<222> (1)

7367

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8300

Xaa Gly Thr Pro Ala Arg Thr Gly Pro Glu Xaa Pro Gly Arg Pro Thr
1 5 10 15

Arg Pro Ile Leu Ser Tyr Leu His Ser Val Lys Ile Glu Lys Arg Thr
20 25 30

Ile Glu Ser Ile Ile Gly Gln Met Asn Lys Arg Arg
35 40

<210> 8301

<211> 40

<212> PRT

<213> Homo sapiens

<400> 8301

Gln Glu Asn Ile Lys Tyr Asn Ser Leu Phe Phe Val Lys Asn Ile Phe
1 5 10 15

Leu Thr Asn Gly Lys Thr Lys Ser Leu Ala Ile Asn Asn Lys Met Gly
20 25 30

Ala Ile Leu Arg Val Val Lys Ala
35 40

<210> 8302

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8302

Pro Arg Tyr Phe Leu Cys Phe Trp Asp Leu Met Leu Phe Xaa Lys Cys
1 5 10 15

Tyr Cys Pro Met Leu Asp Tyr Cys Phe Gly Phe Arg His Leu Leu Asn

7368

20

25

30

Arg

<210> 8303

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8303

Arg Val Asp Pro Arg Xaa Pro Ala Glu Leu Ile Cys Lys Xaa Leu Arg

1

5

10

15

Asn Lys Xaa Tyr Glu Gly Gly Asp Gly Cys Lys Thr Ile Gly Pro Gly

20

25

30

Arg Lys Arg Xaa

35

<210> 8304

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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7369

<222> (13)
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<220>
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 <222> (34)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8304
 Gly Gly Arg Leu Lys Met Ser Ile Ile Ser Gln His Xaa Asn Glu Thr
 1 5 10 15
 Trp Cys Pro Xaa Xaa Pro Glu Asp Leu Xaa Leu Gln His Ala Trp Ala
 20 25 30

Phe Xaa

<210> 8305
 <211> 23
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>

7370

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8305

Leu	Glu	Cys	Xaa	Arg	Ser	Thr	Cys	Ser	Glu	Glu	Xaa	His	Ser	Asp	Ser
1				5					10					15	

Val	Glu	Glu	Glu	Ser	Gly	Xaa
				20		

<210> 8306

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8306

Ile	Leu	Cys	Asp	Met	Ile	Phe	Trp	Ile	Tyr	Arg	Thr	Leu	Xaa	His	Val
1				5					10					15	

Pro	Cys	Ala	Ser	His	Ser	Ser	Glu	Val	Ile	Ile	Tyr	Thr	Glu	Gly	Phe
			20					25					30		

Gln	Asn	Ser	Thr	Arg	Ser	Gly	Asp	Ile	Xaa	Phe	Ile	Tyr	Ala	Leu	Tyr
		35					40					45			

Trp	Ile	Leu	Tyr	Cys	Xaa	Leu	Lys	Leu	Leu	Ser	Trp	Pro	His	Leu	Leu
	50					55					60				

Lys	His	Lys	Met	Phe	Tyr	Leu	Leu	Leu	Ile	Tyr	Asp	Ala	Ile	Lys	Ile
	65					70				75				80	

His Gln

7371

<210> 8307
<211> 23
<212> PRT
<213> Homo sapiens

<220>
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<222> (3)
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<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8307
Leu Pro Xaa Val Leu Met His Met Trp Thr Ala Leu Lys Xaa Ala Xaa
1 5 10 15
Gly Leu Asn His Xaa Asp Leu
20

<210> 8308
<211> 130
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8308
Gly Thr Ala Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg
1 5 10 15

7372

Leu Xaa Arg Pro Glu Gln Thr Ala Gln Arg Val Ser Ala Gln Cys Arg
 20 25 30
 Gly Gly Gly Arg Lys Thr Gly Arg Val Lys Val Leu Glu Arg Glu Gly
 35 40 45
 Gly Arg Glu Gly Lys Gly Leu Trp Gly Ala Thr Gly Val Arg Glu Thr
 50 55 60
 Arg Glu Gly Arg Leu Ser Gly Gly Gly Ala Arg Arg Pro Ala Leu Arg
 65 70 75 80
 Arg Arg Gln Ala Gly Pro Ser Ala Leu Leu Asp Ala Pro Ala Arg Thr
 85 90 95
 Ala Pro Gly Gly Cys Ser Glu Ala Ser Leu Leu Glu Pro Thr Gln His
 100 105 110
 Pro Ala Arg Pro Ser Phe Pro Arg Asn Ser Pro Gln Pro Asp Gln Ala
 115 120 125
 Ser Trp
 130

<210> 8309

<211> 83

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8309

Gln Xaa Leu Gln Ile Gln Asn Val Gln Arg Lys Ser Pro Pro Cys Leu
 1 5 10 15

Pro Xaa Leu Pro Pro Leu Pro Ser Ala Asp Trp Gly Ser Val Xaa Pro

7373

[illegible]

<210> 8310

<211> 30

<212> PRT

<213> Homo sapiens

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<221> SITE

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<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8310

Arg Tyr Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Arg Leu
1 5 10 15

Ser Ala Ser Xaa Asp Xaa Arg Cys Cys Xaa Leu Thr His Thr
20 25 30

<210> 8311

<211> 82

<212> PRT

<213> Homo sapiens

<220>

7374

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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8311
 Ala Gly Ser Pro Xaa Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr
 1 5 10 15
 Arg Pro Lys Asp Ser Xaa Asp Asn Ser Gly Gly Asp Pro Pro Ala Gln
 20 25 30
 Met His Pro Arg Asp Lys Pro Phe Thr Tyr Arg Tyr Xaa Gln Ser His
 35 40 45
 Ile Glu Thr Pro Thr Trp Thr Gln Gly Met Leu Leu Xaa Arg Leu Asn
 50 55 60
 Asp Met Gln Xaa Val Lys Xaa Tyr Thr Val Tyr Thr Xaa Pro Gly Lys
 65 70 75 80
 Arg Ser

7375

<210> 8312
<211> 80
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)
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<220>
<221> SITE
<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (3)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (5)
<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (59)
<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8312
Xaa Xaa Xaa Gly Xaa Thr Pro Thr Ile Gly Asn Ala Gly Thr Pro Ala
1 5 10 15

Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Ser Leu Ile Asp
20 25 30

7376

Ser Arg Pro Ile Ser Ala Asp Cys Asp Thr Ser Ala Thr Cys Lys Phe
 35 40 45

Tyr Thr Leu Glu Xaa Ile Phe Tyr Thr Asn Xaa Val His Leu Arg Cys
 50 55 60

Gly Leu Asn Ile Ser Thr Asn Asn Ile Gln Leu Gln Gln Lys Met Xaa
 65 70 75 80

<210> 8313

<211> 51

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8313

Ser Gly Ser Ser Thr Leu Phe Thr Xaa Lys Met Asp Ile Ile Ala Phe
 1 5 10 15

Asn Arg Arg Asn Gly Tyr Gly Leu Ser Lys Lys Asn Val Ser Met Thr
 20 25 30

Trp Cys Arg Leu Lys Lys Leu His Val Cys Glu Tyr Phe Ile Met Trp
 35 40 45

Asn Asp His
 50

<210> 8314

<211> 58

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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7377

<222> (4)
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<220>
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<220>
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 <222> (49)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8314
 Leu Glu Xaa Xaa His Tyr Xaa Val Lys Leu Val Arg Leu Gln Val Pro
 1 5 10 15
 Val Arg Asn Xaa Arg Val Asp Pro Arg Val Pro Arg Pro Thr Phe Ser
 20 25 30
 Arg Xaa Glu Xaa Thr Met Phe Ser Arg Ala Gly Xaa His Trp Ala Xaa
 35 40 45
 Xaa Val Trp Thr Phe Ala Glu Arg Lys Trp
 50 55

7378

<210> 8315
<211> 57
<212> PRT
<213> Homo sapiens

<220>
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<222> (5)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE
<222> (56)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8315
Leu Leu Pro Val Xaa Ile Gln Xaa Ser Phe Glu Thr Phe Val Ser Xaa
1 5 10 15

7379

Arg Ile Leu Ile Xaa Pro Tyr Ala Ser Asn Thr Ala Leu Asn Ser His
 20 25 30

Gly Glu Tyr Val Gly Xaa Thr Xaa Thr Arg Phe Pro Ala Xaa Thr Thr
 35 40 45

His Thr Pro Thr His Leu Lys Xaa Lys
 50 55

<210> 8316

<211> 28

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8316

Ile Xaa Arg Arg Gln Ser Ser Phe Ile Arg Asn Lys Asn His Val Gly
 1 5 10 15

Arg Pro Thr Arg Gly Asn Ser Cys Leu Ile Xaa Xaa
 20 25

<210> 8317

<211> 13

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8317

7380

Ile Leu Ser Leu Ile Asn Lys Lys Lys Lys Gly Ala Xaa
 1 5 10

<210> 8318

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8318

Lys Asn Thr Xaa Xaa Lys Ser Pro Xaa Phe Leu Gly Lys Lys Thr Pro
 1 5 10 15

Ala Pro Trp Glu Thr Leu Ile Lys Gly Ala Gly Lys Arg Pro Trp Gly
 20 25 30

Val Asn

<210> 8319

<211> 89

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

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<220>

<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

7381

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<220>
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (89)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8319
 Val Thr Lys Thr Ser Gly Leu Pro Cys Val Arg Ala Thr Val Ser Lys
 1 5 10 15
 Gln Arg Leu Cys Lys Gly Val Ser Arg Ile Thr Trp Asn Leu Glu Asp
 20 25 30
 Thr Ser Trp Leu Ala Asn Cys Leu Cys Leu Leu Xaa Gly Thr Val Leu
 35 40 45
 Ser Leu His Cys Xaa Xaa Val Val Thr Ser Trp Gly Val Arg Phe Cys
 50 55 60
 Leu Xaa Gly Thr Tyr Phe Gly Arg Xaa Met Asp Pro Leu Pro Xaa Leu
 65 70 75 80
 Cys Ala Xaa Lys Glu Arg Cys Phe Xaa
 85

7382

<210> 8320

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8320

Ser	Pro	Arg	Ser	Tyr	Thr	Trp	Ala	Lys	Thr	Arg	Ile	Leu	Ile	Arg	Phe
1				5					10					15	

Xaa	Leu	Xaa	Pro	Trp	Lys	Leu	Asn	Gly	Thr	Asp	Pro	Asp	Xaa	Phe	His
			20					25					30		

Tyr	Asp	Trp	Ala
			35

<210> 8321

<211> 18

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8321

Val	Ala	His	Asp	Cys	Xaa	Ser	Met	Leu	Ser	Leu	Ser	Phe	Lys	Trp	Gly
1					5					10				15	

7383

Xaa Arg

<210> 8322

<211> 55

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

7384

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8322

Ile	Asp	Ala	Xaa	Phe	Leu	Phe	Ser	Leu	Ala	Val	Asn	Lys	Ser	Ala	Pro
1				5					10					15	

Asn	Xaa	Lys	Xaa	Xaa	Lys	Arg	Ala	Xaa	Ala	Leu	Xaa	Asp	Pro	Ser	Leu
			20					25					30		

Arg	Thr	Xaa	Cys	Met	Xaa	Arg	His	Ser	Ser	Ser	Ile	Gly	Val	His	Leu
		35					40					45			

Asn	Ser	Ile	His	Trp	Ala	Xaa
	50					55

<210> 8323

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8323

Gly	Lys	Leu	Glu	Lys	Asn	Xaa	Ile	Phe	Lys	Leu	Trp	Xaa	Pro	Xaa	Thr
1				5					10					15	

Xaa

7385

<210> 8324

<211> 72

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8324

Thr	Asn	Asn	Lys	Gln	Arg	Glu	His	Trp	Val	Asp	Phe	Gln	Val	Leu	Asn
1				5					10					15	

Thr	Ser	Thr	Tyr	Gly	Ile	Met	Val	Asp	Trp	Val	Ser	Leu	Tyr	Ser	Thr
			20					25					30		

Xaa	Met	Val	Arg	Arg	Cys	Phe	Thr	Lys	Phe	Val	His	Gln	Thr	Pro	Val
		35					40					45			

Gln	Leu	Ser	Gln	Cys	Gly	Leu	Lys	Met	Gln	Leu	Xaa	Phe	Ile	Phe	Phe
	50					55					60				

Cys	Lys	Cys	Leu	Gly	Phe	Phe	Val
65					70		

<210> 8325

<211> 95

<212> PRT

<213> Homo sapiens

<400> 8325

Val	Lys	Ser	Asn	Gly	Thr	Gly	Ser	Gln	Leu	Pro	Trp	Pro	Thr	Arg	Ala
1				5					10					15	

Ala	Leu	Gly	Leu	Leu	Pro	Thr	Leu	Pro	Asp	Pro	Thr	Leu	Ala	Gln	Ala
			20					25					30		

Ala	Leu	Gly	Leu	His	Pro	Pro	Asn	Leu	Arg	Ala	Gly	Trp	Leu	Val	Pro
		35					40					45			

7386

Gln His Ile Arg Gln Ala Ser Gly Gln Gly Pro Leu Thr Cys Pro Ile
 50 55 60

Pro Ala Gly Lys Leu Gln Ser Ile Arg Ala Val Val Thr Gly Ser Leu
 65 70 75 80

Thr Ser Val Leu Cys Ser Arg Pro Gly Ile Leu His Trp Ala Leu
 85 90 95

<210> 8326

<211> 41

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

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<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8326

Arg Xaa Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Pro Glu Lys
 1 5 10 15

Lys Asn Ile Leu Arg Met Lys Tyr Xaa Met Gly Arg Gly Tyr Lys Arg
 20 25 30

His Xaa Xaa Lys Pro Asn Leu Gln Pro
 35 40

<210> 8327

<211> 54

<212> PRT

7387

<213> Homo sapiens

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8327

Gly	Pro	Gly	Trp	Val	Thr	Cys	Pro	Leu	Trp	Thr	Cys	Phe	Phe	Asn	Trp
1				5					10					15	

Arg	Arg	Ser	Leu	Pro	Met	Leu	Thr	Phe	His	Cys	Arg	Lys	Met	Gly	Pro
			20					25					30		

Leu	Val	Ser	Leu	Tyr	Gln	Gly	Gln	Val	Pro	Leu	Cys	Gly	Gly	Gly	Lys
		35					40					45			

Ala	Xaa	Gly	Xaa	Leu	Ser
				50	

<210> 8328

<211> 33

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (21)

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<400> 8328

Phe	Thr	Ile	Thr	Met	Ala	Leu	Arg	Phe	Asp	Leu	Ser	Trp	Xaa	Leu	Val
1				5					10					15	

7388

Leu Xaa Met Val Xaa Arg Leu Leu Pro Leu Ala Asn Asn Trp Pro His
 20 25 30

His

<210> 8329

<211> 47

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8329

Met Pro Thr His Phe Arg Glu Ser Xaa Tyr Ala Cys Arg Tyr Arg Ser
 1 5 10 15

Gly Ile Pro Gly Phe Asp Pro Arg Phe Arg Gln Ser Asn Pro Leu Leu
 20 25 30

Xaa His Xaa Asp Thr Lys Ala Xaa His Gly Ala Gly Lys Pro Thr
 35 40 45

<210> 8330

<211> 35

<212> PRT

<213> Homo sapiens

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7389

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8330

Thr	His	Tyr	Tyr	Leu	Xaa	Ser	Trp	Pro	Ala	Cys	Arg	Tyr	Arg	Ser	Gly
1				5				10					15		

Ile	Pro	Gly	Ser	Thr	His	Ala	Phe	Ala	Glu	Met	Arg	Val	Leu	Ala	Tyr
			20					25					30		

Arg	Xaa	Phe
		35

<210> 8331

<211> 69

<212> PRT

<213> Homo sapiens

<400> 8331

Ala	Val	Leu	Ile	Asp	Gln	Phe	Leu	Thr	Leu	Asp	Cys	Leu	Leu	Met	Leu
1				5				10					15		

Tyr	Pro	Ser	Pro	Pro	Gly	Leu	Leu	His	Pro	His	Cys	Gly	Ile	Arg	His
			20					25					30		

Gln	Pro	His	Asn	Val	Pro	Asp	Lys	Ala	Trp	Lys	Gly	Val	Asp	Pro	Asp
			35				40					45			

Val	Glu	Trp	Ser	Asp	Ser	Leu	Asp	Val	Tyr	Ile	Tyr	Leu	Cys	Val	Ser
	50					55					60				

Pro	Ser	Phe	Gln	Ser
				65

<210> 8332

<211> 52

<212> PRT

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7390

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 <400> 8332
 Gly Xaa Pro Thr Gly Phe Gly Trp Xaa Gly Pro Ala Trp Trp Gly Leu
 1 5 10 15

 Leu Lys Xaa Pro Leu Thr Gln Pro Leu Phe Xaa Glu Lys Phe Xaa Pro
 20 25 30

 Trp Trp Gly Xaa Xaa Gly Trp Ala Leu Pro Leu Gly Xaa Met Pro Pro
 35 40 45

 Met Lys Lys Arg
 50

7391

<210> 8333

<211> 103

<212> PRT

<213> Homo sapiens

<220>

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<400> 8333

Gly	Glu	Arg	Gly	Ala	Gly	Gly	Val	Leu	Gly	Gly	Leu	Leu	Ala	Pro	Gly
1				5					10					15	

Gly	Asn	Arg	Val	Leu	Leu	Arg	Ser	Thr	Gln	Val	Phe	Ile	Cys	Thr	Ser
			20					25					30		

Pro	Leu	Leu	Lys	Tyr	His	His	Cys	Val	Gly	Glu	Lys	Tyr	Arg	Trp	Val
		35					40					45			

Glu	Gln	His	Leu	Gly	Pro	Gln	Phe	Val	Xaa	Arg	Ile	Ile	Leu	Thr	Arg
	50					55					60				

Asp	Lys	Thr	Val	Val	Leu	Gly	Asp	Leu	Leu	Ile	Asp	Asp	Xaa	Asp	Thr
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7392

65						70						75						80
Val	Xaa	Gly	Xaa	Glu	Asp	Asp	Pro	Lys	Leu	Gly	Ala	His	Leu	Val	Tyr			
				85					90					95				
Leu	Leu	Xaa	Gln	Ser	Xaa	Pro												
			100															

<210> 8334

<211> 56

<212> PRT

<213> Homo sapiens

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<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8334

Arg Trp Met Arg Val Pro Val Cys Val Trp Gly Gly Gly Glu Gly Arg
1 5 10 15

Ala Gly Pro Arg Ala Xaa Val Glu Gly Ala Gly Gly Arg Xaa Ala Val
20 25 30

Arg Arg Gly His Pro Gly Pro Trp Gly Leu Ala Gly Arg Arg Val Xaa
35 40 45

Ser Xaa Arg Xaa Arg Gly Gly Gly

7393

50

55

<210> 8335

<211> 65

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8335

Cys Gln Xaa Gly Leu Gly Met Met Thr Val Gly Xaa Glu Ile His Arg

7394

1 5 10 15
 Thr Asp Ser Ser Pro Gln Cys Thr Xaa Ile Xaa Val Ala Xaa Arg Cys
 20 25 30
 Cys Cys Thr Trp Xaa Arg Xaa Leu Ile Xaa Glu Pro Ser Ala Val Thr
 35 40 45
 Ser His Leu Tyr Ala Thr Glu His Ile Met Ser Gln Glu Gly Phe Gly
 50 55 60
 Gly
 65

<210> 8336

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8336

Leu Gly Asp Tyr Lys Val Leu Asn Val Leu Val Thr Ile Ser Gln Tyr
 1 5 10 15
 Thr Ser Arg Lys Arg Phe Arg Phe Leu Phe Leu Lys Tyr Phe His Phe
 20 25 30
 Phe Leu Glu Xaa Tyr Ile Arg Leu Phe Thr Arg Thr Cys Leu Ala Tyr
 35 40 45
 Xaa Arg Gly Tyr Ile Leu
 50

<210> 8337

<211> 61

<212> PRT

<213> Homo sapiens

7395

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<222> (61)
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<400> 8337
Ser Ala Ala Cys Thr Pro Ala Ala Tyr Ile Phe Leu Ala Thr Lys Leu
1 5 10 15
Pro Ala Thr Gly Ser Ala Xaa Pro Met Ser Trp Ser Val Ile Thr Glu
20 25 30
Gln Leu His Ser Trp Leu Trp Met Leu Ser Ala Asp Asn Leu Ala Glu
35 40 45
Asp Leu Tyr His Ile Leu Ser Thr Arg Xaa Xaa Leu Xaa
50 55 60

<210> 8338
<211> 74
<212> PRT
<213> Homo sapiens

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7396

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 <400> 8338
 Tyr Leu Pro Ser Gln Thr Leu Cys Ser Phe His Phe Arg Val Leu Ala
 1 5 10 15
 Ala Cys Gly Leu Xaa Gln Val Ala Cys Arg Xaa Ala Lys Gly Ser Asn
 20 25 30
 Xaa His Thr Met Leu Ser Arg Met Val Leu Gly Leu Glu Ala Gln Leu
 35 40 45
 Val Gly Glu Ile Pro Xaa Glu Pro Thr Xaa Xaa Asn Val Val Xaa Leu
 50 55 60
 Arg Leu Xaa Leu Arg Glu Arg Phe Trp Gly
 65 70

 <210> 8339
 <211> 34
 <212> PRT
 <213> Homo sapiens

7397

<220>
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<220>
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<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (28)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8339
Gly Lys Lys Gly Pro Trp Gly Leu Ser Val Ser Leu Ala Lys Gly Val
1 5 10 15
Asn Xaa Arg Gly Ser Xaa Gly Glu Asn Ile Ser Xaa Arg Gly Gly Ser
20 25 30
Val Ser

<210> 8340
<211> 49
<212> PRT
<213> Homo sapiens

<220>
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7398

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8340

Trp	Gln	His	Thr	Gly	Thr	Leu	Ile	Arg	Lys	Thr	Trp	Ala	Arg	His	Arg
1				5					10					15	

Gln	Lys	Ser	Leu	Phe	Ile	His	Pro	Cys	Gln	Arg	Val	Xaa	Phe	Arg	Arg
			20					25					30		

Xaa	Glu	Met	Met	Asp	Tyr	Gln	His	Leu	Xaa	Pro	Thr	Thr	Gln	Ile	Xaa
		35						40				45			

Xaa

<210> 8341

<211> 24

<212> PRT

<213> Homo sapiens

<220>

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8341

Phe	Trp	Glu	Lys	Ala	Pro	Xaa	Phe	Leu	Gly	Gly	Lys	Lys	Ser	Pro	Gly
1				5					10					15	

Thr	Cys	Lys	Arg	Xaa	Phe	Phe	Xaa
				20			

7399

<210> 8342
 <211> 33
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8342
 Arg Ser Leu Tyr Gln Phe Val Ser Ile Asn Val Xaa Xaa Tyr Gln His
 1 5 10 15

Phe Ala Lys Thr Val Xaa Gly Thr Arg Phe Xaa Ser Glu Ser Xaa Leu
 20 25 30

His

<210> 8343
 <211> 23
 <212> PRT
 <213> Homo sapiens

<220>
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7400

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8343
Ala Gln Gly Leu Leu Leu Pro Ser Pro Pro Pro Pro Val Ile Ser Phe
1 5 10 15
Xaa Xaa Phe Phe Lys Xaa Arg
20

<210> 8344
<211> 17
<212> PRT
<213> Homo sapiens

<220>
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<222> (4)
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<220>
<221> SITE
<222> (10)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8344
Arg Phe Leu Xaa Pro Thr Val Val Gly Xaa Gly Ser Arg Val Ala Gly
1 5 10 15

Cys .

<210> 8345
<211> 53
<212> PRT
<213> Homo sapiens

<220>
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7401

<222> (2)
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<220>
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<222> (12)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (51)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<400> 8345
Asn Xaa Xaa Xaa Trp Gly His Glu Ile Tyr Gly Xaa Ile Asn Tyr Arg
1 5 10 15
Thr Gln Tyr Ser Lys Asn Lys Val Leu Leu Arg Phe Leu Pro Asp Ser
20 25 30
Pro Trp Gly Thr His Arg Cys Ile Leu Pro Ala Ser His Pro Ser Arg
35 40 45
Glu Asn Xaa Leu Xaa
50

<210> 8346
<211> 59
<212> PRT
<213> Homo sapiens

<220>
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7402

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8346

Ile	Leu	His	Ser	Phe	Thr	Ile	Asn	Gly	Leu	Asp	Phe	Lys	Thr	Gln	Lys
1					5				10					15	

Pro	Lys	Asn	Lys	Met	Lys	Leu	Asp	Asn	Phe	Arg	Phe	Cys	Val	Val	Cys
			20					25					30		

Thr	Ser	Met	Cys	Thr	Xaa	Cys	Lys	Leu	Ser	Phe	Ile	Gly	Leu	Leu	Asn
			35					40					45		

Arg	Ile	Xaa	Lys	Xaa	Lys	Phe	Asn	Ser	Xaa	Xaa
			50						55	

<210> 8347

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

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<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

7403

<220>
<221> SITE
<222> (25)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (32)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (33)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (37)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8347
Arg Xaa Gln Lys Gly His Gly Ile Asn Gly His Pro Thr Arg Asp Lys
1 5 10 15
His Arg Asp Thr Gln Gly Lys Xaa Xaa Thr Gln Arg Asp Thr Glu Xaa
20 25 30
Xaa Thr Gly Arg Xaa Thr
35

<210> 8348
<211> 13
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (9)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8348
Asp Gly Ser Asn Leu Asp Leu Glu Xaa Ser Tyr Ile Lys
1 5 10

<210> 8349
<211> 29

7404

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

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<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8349

Leu	Phe	Leu	Ser	Gly	Gly	Gln	Gly	Leu	Gly	Ser	Gly	Leu	Ser	Leu	Ser
1					5				10					15	

Gly	Leu	Xaa	Asp	Pro	Arg	Val	Glu	Ser	Xaa	Xaa	Xaa	Ala
			20						25			

<210> 8350

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

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<220>

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7405

<220>
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<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (26)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8350
Arg Tyr Arg Ser Gly Ile Pro Gly Xaa Thr His Ala Ser Xaa Lys Ala
1 5 10 15
Ser Ser Cys Cys Gly Xaa Glu Xaa Val Xaa Leu Met Thr Asn Gly Glu
20 25 30

<210> 8351
<211> 17
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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7406

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8351

Gly	Val	Ala	Phe	Thr	Xaa	Xaa	Ala	Asp	Xaa	Val	Glu	Xaa	Xaa	Val	Lys
1				5				10						15	

Ser

<210> 8352

<211> 79

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

7407

<220>

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<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8352

Xaa	Xaa	Tyr	Asn	Arg	Glu	Ser	Trp	Tyr	Ala	Cys	Arg	Tyr	Arg	Ser	Gly
1				5					10					15	

Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Ala	Pro	Pro	Met	Gln	Ala	Thr	Ser
			20						25					30	

Pro	Pro	Ser	Ser	Leu	Asn	Val	Xaa	Pro	Ser	Pro	Pro	Ser	Lys	Gly	Asn
		35					40					45			

Ile	Pro	Tyr	Pro	Leu	Xaa	Xaa	Glu	Ile	Val	Leu	Ser	Asn	Ser	Pro	Xaa
	50					55						60			

Cys	Trp	Leu	Pro	Pro	Xaa	Lys	Xaa	Trp	Gly	Arg	His	Pro	Ala	Trp
65						70				75				

<210> 8353

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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7408

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<400> 8353

Ser	Gly	Gly	Ser	Thr	Phe	Lys	Ser	Ser	Phe	Lys	His	Xaa	Ile	Phe	Xaa
1				5					10				15		

Val	Xaa	Xaa	Phe	Asn	Leu	Ile	Asp	Arg	Arg	Glu	Leu	Ala	Pro	Leu	Gln
			20					25					30		

Glu	Leu	Ile	Glu	Lys	Leu	Thr	Ser	Xaa	Asp	Arg
		35					40			

<210> 8354

<211> 74

<212> PRT

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<400> 8354

Val Xaa Gln Xaa Ser Gln Asp Leu Ser Leu Gln Glu Ala Glu Thr Glu
1 5 10 15

Gln Ser Asp Thr Leu Asp Asn Lys Glu Ala Val Ile Leu Xaa Glu Lys
20 25 30

Pro Pro Ser Gly Arg Gln Thr Pro Gln Pro Leu Arg His Xaa Ser Tyr
35 40 45

Ile Leu Ala Val Asn Asp Gln Xaa Thr Xaa Ser Asp Thr Thr Cys Trp
50 55 60

Leu Xaa Asn Asp Ala Arg Gln Arg Ser Thr
65 70

<210> 8355

<211> 50

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<400> 8355
Arg Xaa Lys Xaa Xaa Arg Xaa Gln Val Pro Val Arg Asn Ser Xaa Val
1 5 10 15
Asp Pro Arg Val Arg Arg Ser Arg Ala Asp Ala Gly Leu Leu Arg Ala
20 25 30
Gly Pro Arg Ala Ser Xaa Pro Xaa Arg Pro Gly Ser Leu His Leu Cys
35 40 45
Xaa Ser
50

<210> 8356
<211> 30
<212> PRT
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<400> 8356

7411

Met Leu Asp Ile Ile Ile His Val Ser Gly Ile Glu Ile Glu Thr Glu
1 5 10 15

Asn Lys Cys Phe Lys Val Phe Tyr Thr Xaa Lys Lys Xaa Xaa
20 25 30

<210> 8357

<211> 32

<212> PRT

<213> Homo sapiens

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<400> 8357

Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Asp Ile Xaa
1 5 10 15

Gly Ala Ile Xaa Gln Pro Ala Xaa Thr Ile Ser Gln Xaa Asp Xaa Ile
20 25 30

<210> 8358

7412

<211> 45
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<400> 8358
 Asp Xaa Asn Glu Lys Asn Xaa Ala Phe Leu Gln Arg Leu Asn Leu Arg
 1 5 10 15
 Ser Arg Xaa Ser Leu Ser Xaa Xaa Asn Leu Gly Thr Thr Leu Gly Cys
 20 25 30
 Asn Leu Gln Lys Thr Phe Gly Phe Gly Gly Trp Xaa Thr
 35 40 45

<210> 8359
 <211> 92
 <212> PRT
 <213> Homo sapiens

7413

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7414

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<400> 8359
Gly Xaa Cys Thr Gly Xaa Ser Pro Cys Xaa Tyr Ser Xaa Arg Asn Ser
1 5 10 15
Arg Val Asp Pro Arg Val Arg Arg Ser Glu Ile Leu Phe Trp Ile Arg
20 25 30
Gln Met Cys Leu Leu Ala Cys Pro Glu Gly Glu Lys Xaa Ala Cys Xaa
35 40 45
Gln Ala Phe Xaa Arg Lys Leu Val Gly Ser Trp Pro Lys Asp Glu Asp
50 55 60
Tyr Cys Xaa Arg Pro Xaa Ile Asn Xaa Ile Xaa Gly Lys Asp Tyr Xaa
65 70 75 80
Thr Cys Gly Leu Lys Met Lys Gly Thr Phe Leu Gln
85 90

<210> 8360
<211> 63
<212> PRT
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7415

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<400> 8360

Tyr	Gly	Ile	Asp	Val	Thr	Leu	Tyr	Leu	Gln	Asn	Ile	Leu	Phe	Leu	Ser
1					5				10					15	

Leu	Pro	Gln	Glu	Lys	Lys	Gln	Phe	Tyr	Phe	Tyr	Gly	Thr	Arg	Leu	Asp
			20					25					30		

Xaa	Thr	Phe	Leu	Ile	Asn	Tyr	Met	Xaa	Val	Tyr	Ser	Thr	Phe	Lys	Ile
			35				40					45			

Ala	Met	Glu	Lys	Phe	Asn	Tyr	Phe	Gln	Gln	Xaa	Leu	Xaa	Leu	Ser
	50					55					60			

<210> 8361

<211> 92

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

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<400> 8361

Xaa	Leu	Ala	Arg	Leu	Xaa	Val	Pro	Val	Arg	Asn	Ser	Arg	Val	Asp	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7416

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      1             5             10             15
Arg Val Arg Pro Arg Ser Ser Ser Gly Ser Pro Leu Val Thr Arg Val
      20             25             30
Pro Arg Ala Ser Pro Ala Pro Glu Gly Pro Ala Ser Gly His Gly Ala
      35             40             45
Leu Pro Gly Gly Ala Gly Leu Arg Ala Gly His Glu Arg Gly Ala Ala
      50             55             60
Ala Arg Pro Arg Ala His Gly Gly Arg Ser Ala Ala Arg Pro Gly Thr
      65             70             75             80
Leu Gly Gln Pro Arg Gly Gly Xaa Xaa Glu Xaa Gly
      85             90

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<210> 8362

<211> 27

<212> PRT

<213> Homo sapiens

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<400> 8362

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Xaa Ser Ser Tyr Xaa Ser Ile His Ile Asn Ile Ser Val Leu Thr Cys
  1             5             10             15
Lys Lys Met Xaa Arg Tyr His Thr Tyr Ile Leu
      20             25

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<210> 8363

<211> 48

<212> PRT

7417

<213> Homo sapiens

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<400> 8363

Cys	Arg	Glu	Tyr	Xaa	Glu	Glu	Xaa	Lys	Arg	Asp	Cys	Trp	Arg	Thr	Val
1				5				10						15	

Thr	Arg	Val	Ser	Ser	Ile	Thr	Ser	Leu	Ser	Tyr	Ile	Ile	His	Xaa	Ser
			20					25					30		

Ile	Ser	Leu	Ala	His	Gly	Ser	Arg	Pro	Xaa	Cys	Xaa	Val	Cys	Xaa	Asp
		35						40				45			

<210> 8364

<211> 32

<212> PRT

<213> Homo sapiens

7418

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<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8364
Ser Leu Thr Gly Met Xaa Ser Ala Ser Ser Leu Glu Leu Asn Ala Ala
1 5 10 15
His Ala Glu Lys Asn Asn Xaa Tyr Xaa Phe Xaa Trp Val Leu Ala Leu
20 25 30

<210> 8365
<211> 40
<212> PRT
<213> Homo sapiens

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<400> 8365
Met Ser Asp Asn Leu Glu Met Ile Ala Tyr Leu Lys Arg Tyr Arg Lys
1 5 10 15

7419

Asp His Leu Asn Ile Trp Lys Asn Glu Ile Arg Val Lys Leu Asn Lys
20 25 30

Xaa Leu Leu Thr Xaa Leu Lys Lys
35 40

<210> 8366

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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<400> 8366

Ser Ser Leu Lys Thr Phe Thr Ile Phe Glu Arg Trp Xaa Pro Ala Gly
1 5 10 15

Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Pro Met Val Ser Phe
20 25 30

Phe Leu Gln Arg Asn Leu Ile Phe His Phe Asn Leu Ser Leu Ala Tyr
35 40 45

Ser Ser Gln Trp Gly Leu Leu Lys Asn Ser Phe Pro Ser Tyr Ser Pro
50 55 60

Phe Glu Leu Lys Val Gln Lys Lys Lys Ile Leu Leu Lys Cys Cys Asp
65 70 75 80

Gln Ile

<210> 8367

<211> 17

<212> PRT

<213> Homo sapiens

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7420

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<400> 8367

Ala	Gln	Gly	Leu	Leu	Leu	Pro	Ser	Pro	Pro	Pro	Pro	Val	Ile	Xaa	Xaa
1				5					10					15	

Xaa

<210> 8368

<211> 88

<212> PRT

<213> Homo sapiens

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<400> 8368

Xaa	Ser	Pro	Gly	Pro	Ile	Leu	Ile	Arg	Arg	Gly	Val	Cys	Gln	Ala	Ala
1				5					10					15	

Gln	Val	Ser	Leu	Pro	Pro	Pro	Gly	His	Pro	His	Gln	Val	Ala	Ser	His
			20					25					30		

Arg	Leu	Gln	Glu	Arg	Lys	Thr	Arg	Trp	Ser	Arg	Phe	His	Ser	Ala	Leu
		35					40					45			

Ala	Ala	Ala	Ser	Arg	Phe	Ile	Cys	Thr	Ser	Leu	Ser	Met	Arg	Ala	Cys
	50					55					60				

Glu	Leu	Pro	Gly	Arg	Ala	Glu	Phe	Lys	Lys	Met	Lys	Tyr	Cys	Met	Arg
65					70					75					80

Arg	Ala	Ser	Leu	Leu	Lys	Arg	Val
				85			

<210> 8369

<211> 59

7421

<212> PRT

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<222> (59)

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<400> 8369

Leu	Val	His	Arg	Glu	Ser	Ser	Tyr	Tyr	Ile	Glu	Xaa	Trp	Tyr	Pro	Cys
1					5				10					15	

Arg	Tyr	Arg	Ser	Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Glu	Xaa	Leu
			20					25						30	

Gln	Ser	Pro	Glu	Leu	Ile	Pro	Ile	Glu	Gly	Ala	Met	Ala	Phe	Lys	Ile
		35					40					45			

Lys	Met	Lys	Gly	Glu	Leu	Lys	Gln	Leu	Lys	Xaa
	50					55				

<210> 8370

<211> 32

<212> PRT

<213> Homo sapiens

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7422

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<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8370

Glu	Gly	Xaa	Trp	Lys	Pro	Phe	Arg	Xaa	Xaa	Arg	Pro	Gly	Thr	Pro	Ala
1				5				10						15	

Gly	Thr	Arg	Ser	Gly	Ile	Xaa	Gly	Ser	Thr	His	Ala	Phe	Ala	Asn	Pro
			20					25						30	

<210> 8371

<211> 48

<212> PRT

<213> Homo sapiens

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<222> (6)

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<400> 8371

Arg	Xaa	Lys	Trp	Asn	Xaa	Gly	Thr	Thr	Leu	Lys	Ala	Gly	Thr	Pro	Ala
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7423

1 5 10 15
Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg Pro Val Ala Trp
 20 25 30
Gly Lys Ile Glu Trp Xaa Gln Xaa Gly Xaa Arg Ser Lys Ala Leu Ala
 35 40 45

<210> 8372
<211> 40
<212> PRT
<213> Homo sapiens

<400> 8372
Leu Glu Tyr Leu Leu Phe Asp Cys Phe Leu Leu Arg Asn Ile Arg Leu
1 5 10 15
Gly Ala Met Met Asn Asp Leu Val Lys Ser Cys Val Phe Leu Arg Lys
 20 25 30
Phe Leu Asn Ile Asn Phe Leu Asn
 35 40

<210> 8373
<211> 54
<212> PRT
<213> Homo sapiens

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<220>

7424

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<400> 8373

Lys Ile Phe Asn Lys Tyr Phe His Arg Thr Glu Leu Thr Thr Gly Ala
1 5 10 15

Cys Asn Lys Asn Phe Xaa Thr Gly Ala Gly Lys Thr Xaa Leu Leu Gly
20 25 30

Gly Asn Xaa Pro Ile Trp Lys Gly Leu Pro Phe Met Gly Pro Pro Trp
35 40 45

Lys Xaa Trp Glu Val Gly
50

<210> 8374

<211> 74

<212> PRT

<213> Homo sapiens

<220>

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<400> 8374

Ala Thr Ile Ser Met Ser Pro Arg Asn Gly Pro Asn Pro Glu Ser Ser

7425

1					5					10					15				
Pro	Leu	Asp	Phe	Met	Asp	His	Gly	Ala	Asp	His	Leu	Tyr	Leu	Val	Leu				
20								25				30							
Glu	Leu	Lys	Asn	Cys	Ser	Leu	Cys	Glu	Asn	Glu	Pro	Leu	Asp	Gln	Ser				
35								40				45							
Leu	Leu	Lys	Gln	Thr	Asn	Met	Lys	Xaa	Lys	Lys	Lys	Xaa	Leu	Xaa	Lys				
50								55				60							
Lys	Lys	Lys	Xaa	Lys	Lys	Xaa	Lys	Lys	Lys										
65				70															

<210> 8375

<211> 78

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

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<221> SITE

<222> (5)

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$\langle 220 \rangle$

<221> SITE

<222> (41)

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$\langle 220 \rangle$

<221> SITE

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 $\langle 220 \rangle$

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$\langle 222 \rangle$ (70)

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 $\langle 220 \rangle$

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7426

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<222> (76)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8375

Arg Ile Asp Xaa Xaa Gly Thr Pro Thr Ile Gly Met Leu Val Arg Leu
1 5 10 15

Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Gly Arg
20 25 30

Val Gly Glu Tyr Gly Ile Ser Ser Xaa Asp Gln Lys Gly Glu Thr Ile
35 40 45

Lys Thr Arg Tyr Ile Pro Lys Pro Asn Pro Lys Phe Xaa Phe Lys Phe
50 55 60

Phe Ile Ile Phe Gln Xaa Leu Ser His Thr Xaa Xaa Ile Leu
65 70 75

<210> 8376

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

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<222> (9)

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8376

Lys Gly Glu Asp Arg Lys Xaa Lys Xaa Xaa Met Asn Val Xaa
1 5 10

7427

<210> 8377

<211> 50

<212> PRT

<213> Homo sapiens

<400> 8377

Ile Pro Ala Ala Thr Trp Glu Lys Glu Val Ala Gly Pro Gly Glu Lys
1 5 10 15

Ala Val Met Lys Pro Ile His Phe Glu Gly Ser Thr Ile Ser Thr Leu
20 25 30

Phe Phe Glu Leu Trp Gln Phe Gln Cys Leu Ser Leu Leu Leu Arg Gly
35 40 45

Ile Ser
50

<210> 8378

<211> 21

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8378

Pro Xaa Thr Ile Xaa His Glu Leu Xaa Ser Leu Gln Asn Gln Glu Gly
1 5 10 15

7428

Ala Met Xaa Gly Ser
20

<210> 8379

<211> 17

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8379

Gly	Ser	Ser	Pro	Val	Lys	Gln	Ser	Tyr	Ile	Lys	Pro	Xaa	Xaa	Arg	Lys
1				5					10					15	

Gln

<210> 8380

<211> 57

<212> PRT

<213> Homo sapiens

<400> 8380

Gly	Leu	Lys	His	Ile	Val	Lys	Asp	Glu	Ser	Ser	Phe	Gly	Glu	Lys	Gly
1				5					10					15	

Ser	Pro	Val	Glu	Ser	Ser	Leu	Val	Ile	Ala	Cys	Gly	Ser	Lys	Phe	Ser
			20					25					30		

Ala	Ser	Phe	Thr	Val	Ala	Cys	Ile	Val	Val	Leu	Leu	Leu	Gly	His	Leu
		35					40					45			

Cys	Phe	Ile	Trp	Lys	Cys	Arg	Gln	Glu
	50					55		

<210> 8381

7429

<211> 75
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<400> 8381
 Asn Ala Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro
 1 5 10 15
 Thr Arg Pro Ile Glu Xaa Ala Xaa Glu Thr Ser Ala Leu Thr Ser Leu
 20 25 30
 Arg Arg Gly Arg Asp Pro Glu Pro Leu Xaa Lys Ala Thr Arg Pro Asp
 35 40 45
 Val Leu Arg Arg Xaa Ser Pro Glu Thr Ser Gly Gln Arg Gln Ala Xaa
 50 55 60
 Xaa Gly Gly Glu Arg Gly Leu Gly Leu Arg Leu
 65 70 75

7430

<210> 8382
 <211> 48
 <212> PRT
 <213> Homo sapiens

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<400> 8382
 Xaa Arg Ala Xaa Val Arg Asp Xaa Asn Pro Gln Xaa Ala Lys Thr Ser
 1 5 10 15
 Leu Glu Lys His Arg Asp Arg Pro Gly Glu Met Gly Arg Arg Tyr Gly
 20 25 30
 Val Arg His Leu Leu Gln Lys Lys Pro Ala Phe Ser Xaa Gln Gly Ala
 35 40 45

<210> 8383
 <211> 51
 <212> PRT
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7431

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<400> 8383
Gly Xaa Xaa Val Arg Leu Gln Val Pro Val Arg Asn Ser Arg Val Asp
1 5 10 15
Pro Arg Val Arg Lys Val Ala Leu Phe Leu Leu Asp Leu Ala Glu Gly
20 25 30
Xaa Ala Xaa Gly Val Gly Glu Ile Lys Lys Asn Leu Lys Trp Xaa Lys
35 40 45
Xaa Glu Met
50

<210> 8384
<211> 85
<212> PRT
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<400> 8384
 Asn Leu Xaa Ser Val Phe Lys Glu Ser Gln Asp Pro Ile Met Pro Ser
 1 5 10 15
 Phe Phe Ser Ser Leu Leu Ser Leu Phe Leu Thr Leu Pro Lys Lys Tyr
 20 25 30
 Leu Phe Leu Trp Phe Asn Lys Trp Ser Leu Xaa Tyr Gly Thr Met Thr
 35 40 45
 Lys Ile Pro Ala Thr Cys Phe Leu Leu Tyr Glu Tyr Met Arg Pro Thr
 50 55 60
 Phe Ile His Xaa Ser Ser Met Lys Leu Ser Leu His Ser Lys His Arg
 65 70 75 80
 Ala Glu Thr Ser Thr
 85

<210> 8385
 <211> 21
 <212> PRT
 <213> Homo sapiens

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7433

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8385

Gly Ser Arg Ser Arg Val Ala Ala Leu Phe Phe Trp Xaa Phe Phe Phe
1 5 10 15

Xaa Xaa Ile Lys Arg
20

<210> 8386

<211> 18

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8386

Ala Gln Gly Leu Leu Leu Pro Ser Pro Pro Pro Xaa Gly Met Phe Xaa
1 5 10 15

Xaa Tyr

<210> 8387

<211> 79

<212> PRT

<213> Homo sapiens

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7434

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<400> 8387

Lys	Arg	Arg	Ala	Asp	Gly	Ile	Gln	Leu	Pro	Lys	Phe	Val	Ser	Lys	Ser
1				5				10						15	

Cys	Phe	Met	Glu	Leu	Arg	Leu	His	Phe	Val	Cys	Met	Ala	Leu	Lys	Asn
			20				25						30		

Arg	Ile	Gln	Ile	Ser	Ala	Phe	Glu	Lys	Gly	Glu	Thr	Leu	Tyr	Gln	Leu
		35				40						45			

Xaa	Leu	Leu	Lys	Asn	Gly	Ile	Ser	Leu	His	Phe	Glu	Ile	Val	Asn	Ser
	50					55					60				

Thr	Leu	Lys	Tyr	Ser	Ala	Thr	Cys	Xaa	Lys	Phe	Xaa	Ser	Lys	Leu
65					70					75				

<210> 8388

<211> 46

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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7435

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8388

Leu Lys Val Ser Ser Phe Pro Pro Pro Pro Pro Pro Ser Gly Leu Xaa
 1 5 10 15

Phe Leu Ser Tyr Leu Asp Ser Xaa Ala Ser Cys Leu Pro Xaa Ser Phe
 20 25 30

Leu Glu Ala Arg Leu Leu Leu Trp Gly Arg Xaa Gly Trp Leu
 35 40 45

<210> 8389

<211> 54

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8389

Xaa Tyr Xaa Val Val Gln Xaa Gly Gln Xaa Leu Glu Cys Phe Lys Ile
 1 5 10 15

Ser Ile Leu Asp Phe Ser Leu Ala Phe Ile Asp Xaa Leu Gly Cys Gly
 20 25 30

7437

<210> 8391
<211> 22
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8391
Glu Lys Arg Lys Arg Lys Gly Ile Asn Ser Ile Leu Ala Glu Xaa Ile
1 5 10 15
Tyr Xaa Leu Ile Xaa Xaa
20

<210> 8392
<211> 70
<212> PRT
<213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8392
 Ala Trp Gly Thr Gly Xaa Glu Trp Pro Gly Arg Pro Xaa Arg Thr Lys
 1 5 10 15
 Lys Ile Ile Trp Val Asn Lys Xaa Xaa Tyr Lys Arg Xaa Lys Asn Leu
 20 25 30
 Arg Thr Arg Cys His Lys Tyr Glu Ile Gly Lys Asn Lys Val Thr Arg
 35 40 45
 Lys Trp Val Xaa Lys Asn Leu Xaa Gly Xaa Val Arg Ser Ile Gln Xaa
 50 55 60
 Trp Lys Gly Lys Asn Leu
 65 70

7439

<210> 8393

<211> 24

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

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<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8393

Phe	Tyr	Thr	Thr	Ser	Phe	Pro	Phe	Leu	Gln	Val	Asn	Xaa	Phe	Thr	Asn
1				5					10					15	

His	Xaa	Gly	Tyr	Leu	Leu	Asn	Arg
				20			

<210> 8394

<211> 68

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8394

Pro	Phe	Leu	Thr	Glu	Asp	Xaa	His	Trp	Lys	Leu	Met	Lys	Gly	Xaa	Asn
1				5					10					15	

Asn	Gly	Glu	His	His	Phe	Pro	Ala	Xaa	Asp	His	Thr	Ala	Asn	Ile	Xaa
			20					25					30		

His	Gly	Xaa	Xaa	Xaa	Tyr	Leu	Glu	Ala	Gln	Arg	Ser	Pro	Gly	Val	Ala
		35					40					45			

Lys	Leu	Gly	Ser	Pro	Val	Leu	Thr	Lys	Leu	Leu	Thr	Ala	Ser	Thr	Pro
	50					55					60				

Cys	Gln	Ile	Leu
65			

<210> 8395

<211> 23

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7441

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8395

Ala	Ser	Thr	Ala	Arg	Asn	Gly	Arg	Met	Arg	Asp	Gly	Lys	Lys	Ala	Ala
1					5				10					15	

Gly	Xaa	Lys	Gly	Ile	Xaa	Xaa
			20			

<210> 8396

<211> 65

<212> PRT

<213> Homo sapiens

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<222> (36)

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<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8396

Arg	Gly	Ala	Ala	Gly	Ala	Val	Glu	Pro	Gly	Thr	Ala	Glu	Arg	Arg	Gly
1				5					10					15	

Ala	Gly	Pro	Arg	Gly	Gly	Arg	Leu	Ala	Ala	Pro	Arg	Pro	Arg	Thr	Ser
				20				25					30		

Thr	Pro	Arg	Xaa	Ala	Cys	Ala	Xaa	Xaa	Cys	Xaa	Ala	Cys	Gly	Ala	Gly
			35				40					45			

Thr	Arg	Thr	Arg	Cys	Trp	Gly	Trp	Pro	Gly	Pro	Cys	Gly	Pro	Arg	Asp
						50		55			60				

Gly

7442

65

<210> 8397

<211> 36

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8397

Gly	Ile	Val	Gly	Gly	Ala	Pro	Gly	Gly	Leu	Xaa	Cys	Pro	Pro	Pro	Glu
1				5				10						15	

Leu	Gly	Ile	Ala	Ala	Asn	Xaa	Gly	Ser	Val	Pro	Gln	Leu	Lys	Thr	Ser
			20					25					30		

Ser	Gly	Met	Ser
		35	

<210> 8398

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

7443

<400> 8398

Ile Pro Xaa Ser Ile His Ala Ser Ala Met Ser Xaa Xaa Ile Val Ile
1 5 10 15

Asn

<210> 8399

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8399

Lys Lys Asn Ser Cys Xaa Ile Ser Arg Phe Xaa Xaa Ile Arg Thr Leu
1 5 10 15

Tyr

<210> 8400

<211> 78

<212> PRT

<213> Homo sapiens

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<222> (16)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8400

Pro	Gly	Arg	Xaa	Arg	Val	Arg	Glu	Ser	Ser	Pro	Cys	Thr	Val	Gly	Xaa
1				5					10					15	

Ser	Gln	Arg	Arg	Pro	Gly	Thr	Xaa	Thr	His	Trp	Gly	Ala	Ser	His	Gly
			20					25					30		

Ala	Ala	Arg	Gly	Ala	Arg	Leu	Gly	Gly	Gly	Pro	Glu	His	Leu	Leu	His
		35					40					45			

Leu	Tyr	Ser	Gly	Trp	Ile	Phe	Lys	Xaa	Asp	Leu	Val	Val	Ala	Val	Ser
	50					55					60				

Leu	Ser	Tyr	Gln	Glu	Ala	His	Asp	Ile	Arg	Leu	Ser	Leu	Trp
65						70				75			

<210> 8401

<211> 36

<212> PRT

<213> Homo sapiens

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<222> (2)

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<221> SITE

<222> (8)

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<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7445

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8401

Pro	Xaa	Ala	Ile	Arg	Ala	Phe	Xaa	Ser	Xaa	Ser	Phe	Leu	Ile	Xaa	Ser
1				5				10				15			

Met	Cys	Met	Arg	Leu	Phe	Ile	Pro	Lys	Asp	Met	Lys	Glu	His	Asn	Val
			20					25				30			

Thr	Thr	Arg	Leu
			35

<210> 8402

<211> 61

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8402

Ile	His	Lys	Met	Thr	Met	Lys	Lys	Ile	Ile	Cys	Tyr	Gly	Ile	Leu	Ala
1				5				10					15		

Thr	Val	His	Ile	Phe	His	Asn	Gln	Ile	Ser	Ser	Thr	Gly	Leu	Asn	Leu
			20					25					30		

Met	Phe	Phe	Asn	Phe	Tyr	Ser	Leu	Arg	Cys	Phe	Glu	Ala	Ile	Arg	Ile
			35					40				45			

Cys	Val	Phe	Thr	Val	Leu	Xaa	Gly	Leu	Ile	Pro	Xaa	Val
	50						55				60	

<210> 8403

<211> 47

<212> PRT

<213> Homo sapiens

7446

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<222> (45)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (47)
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<400> 8403
Arg Val Ser Pro Gly Lys Ile Ser Pro Gly Gly Phe Arg Thr Pro Xaa
1 5 10 15

Arg Pro Phe Pro Xaa Xaa Leu Gly Leu Gly Phe Lys Leu Lys Arg Phe
20 25 30

Phe Phe Gln Xaa Ser Trp Ala Lys Lys Lys Lys Lys Xaa Phe Xaa
35 40 45

<210> 8404
<211> 77
<212> PRT
<213> Homo sapiens

<220>
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7447

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<400> 8404
 Arg Gln Val Ser Xaa Arg Ser Thr Arg Pro Leu Pro Ser Gly Arg Ala
 1 5 10 15
 Arg Leu Gln Val Pro Ala Ala Leu Arg His Ala Ser Ser Xaa Gly Leu
 20 25 30
 Ser Asn Lys Xaa Ala Asp Arg Arg Xaa Leu Gln Arg Leu Ile Pro Trp
 35 40 45
 Xaa Leu Gln Thr Gln Pro Thr Pro Ser Gly Pro Arg Ala Xaa Arg Leu
 50 55 60
 Leu Pro Ala Val Gly Gly Thr Arg Trp Pro Ala Arg Xaa
 65 70 75

<210> 8405
 <211> 49

7448

<212> PRT

<213> Homo sapiens

<400> 8405

Gly Cys Pro Gly Gly Cys Pro Gln Val Gly Gly Ser Arg Gly Glu Lys
1 5 10 15

Met Val Ala Ile Phe Thr Leu Phe Cys Ile Val Phe Ile Asp Ser Gly
20 25 30

Asn Lys His Lys Ile Leu Asn Lys Met Thr Trp Lys Leu Pro Lys Lys
35 40 45

Lys

<210> 8406

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<222> (44)

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<220>

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7449

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8406

Gly	Pro	Arg	Gly	Leu	Thr	Pro	Xaa	Gly	Ser	Pro	Arg	Gly	Lys	Xaa	Phe
1				5				10					15		

Xaa	Pro	Gly	Gly	Gly	Ser	Arg	Glu	Thr	Pro	Pro	Lys	Gly	Pro	Gly	Phe
		20					25					30			

Pro	Pro	Xaa	Lys	Thr	Leu	Phe	Thr	Phe	Gly	Gly	Xaa	Xaa	Xaa	Lys	Arg
		35				40					45				

Xaa	Ile
	50

<210> 8407

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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7450

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<400> 8407
 Xaa Xaa Trp Lys Ala Gly Xaa Pro Ala Gly Thr Gly Pro Glu Phe Pro
 1 5 10 15
 Gly Arg Pro Thr Arg Ser Arg Val Ser Asn Pro Ala Xaa Met Ala Xaa
 20 25 30
 Glu Glu Glu Asp Ala Xaa Xaa Tyr Asn Leu Thr
 35 40

<210> 8408
 <211> 38
 <212> PRT
 <213> Homo sapiens

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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8408
 Leu Tyr Thr Xaa Lys Arg Phe Leu Thr Phe Ile Leu Thr Leu Asn Gly
 1 5 10 15
 Ser Thr Leu Gly Phe Arg His Val Asn Phe Cys Xaa Val Leu Asn Leu
 20 25 30
 Ser Arg Val Ala Cys Arg

7451

35

<210> 8409
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8409
Ile Arg Arg Tyr Ser Leu Lys Cys Ile Asn Val Ser Leu Phe Lys Ser
1 5 10 15
Glu Ser Leu Leu Met Ile Thr Ile Leu Tyr Xaa Ala Ile Asn Xaa Ile
20 25 30

His

<210> 8410
<211> 33
<212> PRT
<213> Homo sapiens

<400> 8410
Gln Val Asn Val Val Gln Ile Ser Arg Ser Phe Tyr His Leu Lys Lys
1 5 10 15
Lys Phe Ser Phe Val Val Phe Leu Leu Ser Pro Arg Ser Leu Asn Cys
20 25 30

Gly

<210> 8411
<211> 134
<212> PRT

7452

<213> Homo sapiens

<220>

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<222> (127)

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<220>

<221> SITE

<222> (133)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8411

Pro	Gly	Trp	His	Cys	His	Ser	His	Ser	Ala	Pro	Gly	Pro	Arg	Arg	Asp
1				5					10				15		

Ser	Ala	Trp	Ser	Leu	Xaa	Xaa	Ala	Gln	Pro	Ile	Cys	Val	Cys	Val	Cys
			20					25				30			

Ala	Cys	Asp	Ala	Thr	Ser	Pro	Pro	Val	Pro	Leu	Gln	Gly	Pro	Arg	Ile
		35					40					45			

7453

His Thr Ala Met His Ala His Thr Gly Pro Gly Pro Gly Pro Gln Ser
 50 55 60

Ser Cys Leu Ser Trp Thr Leu Cys Lys His Phe Cys Ala Cys Trp Val
 65 70 75 80

Gly Ala Arg Leu Lys Gly Pro Ala Pro Ser Leu Gln Asp Arg Xaa Pro
 85 90 95

Gln Ala Gly Gln Gly Gly Ser Pro Trp Ile Xaa His Thr Asn Thr Thr
 100 105 110

Arg Ala Arg Ala Thr His Ala Phe Xaa Xaa Leu Ile Leu His Xaa Thr
 115 120 125

Pro Phe Pro Gly Xaa Ala
 130

<210> 8412

<211> 20

<212> PRT

<213> Homo sapiens

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<222> (14)

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8412

Arg Thr Arg Gly Val Cys Leu Lys Gly Leu Ser Phe Ile Xaa Asn Trp
 1 5 10 15

Xaa Xaa Asn Leu
 20

<210> 8413

7454

<211> 43
<212> PRT
<213> Homo sapiens

<220>
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<222> (30)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (37)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (38)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8413
Leu Val Leu Asp Arg Glu Arg Pro Leu Ala Thr Ser Ser Arg Ser Arg
1 5 10 15
Ala Ala Ala Arg Asp Leu Xaa Leu Ala Gly Ala Trp Val Xaa Pro Gly
20 25 30
Phe Pro Asp Arg Xaa Xaa Leu Ala Tyr Gln Leu
35 40

<210> 8414
<211> 136
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (122)
<223> Xaa equals any of the naturally occurring L-amino acids

7455

<400> 8414

Glu Leu Xaa Ala Glu Ala Glu Lys Met Arg Val Ser Gln Gln Glu Leu
 1 5 10 15

Leu Ser Val Asp Glu Ser Val Tyr Thr Pro Asp Ser Asp Val Ala Ala
 20 25 30

Pro Gln Ile Asn Arg Asn Leu Ile Gln Lys Ala Gly Tyr Leu Asn Leu
 35 40 45

Arg Asn Trp Gln Met Arg Ala Met Cys Trp Arg Pro Thr Cys Lys Ala
 50 55 60

Arg Gly Lys Gln Asn Arg Ala Gly His His His Leu Gly Glu Ala Leu
 65 70 75 80

Phe Leu His Pro Arg Arg Glu Ser His Val Ser Ala Gln Gly Ser Arg
 85 90 95

Gly Trp Arg Phe Asp Pro Gly Pro Gly Gln Leu Leu Ser Asp Gly Arg
 100 105 110

Gly Leu Arg Arg Pro Ala Leu Leu Leu Xaa Asp His His Ala Gln Trp
 115 120 125

Lys Ile Gly Asn Asn Pro Pro Gly
 130 135

<210> 8415

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8415

Ile Val Leu Ile Phe Val Trp Cys Thr Phe Thr Tyr Lys Arg Glu Asp
 1 5 10 15

Lys Met Phe Trp Gly Ile Ile Thr Arg Gly Leu Ala Arg Ser Lys Leu
 20 25 30

Val Ser Pro Leu Leu Pro Ser Ser Asn Phe Gly Xaa
 35 40

7456

<210> 8416

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (42)

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<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8416

Gly	Asn	Cys	Gln	Gly	Arg	Glu	Arg	Ile	Phe	Arg	Xaa	Glu	Glu	Asp	Asp
1				5					10					15	

Ser	Leu	Trp	Ser	Ser	Thr	Arg	Leu	Ser	His	Leu	Asn	Phe	Leu	Phe	Thr
			20					25					30		

Leu	Xaa	Tyr	Xaa	Asn	Asp	Glu	Leu	Lys	Xaa	Gln	Ile	His	Lys	Xaa	Ser
			35				40					45			

Tyr	Asp	Ser	Gln	Leu	Pro	Xaa	Val	Ala	Phe	Asn	Ile
	50					55					60

7457

<210> 8417
<211> 18
<212> PRT
<213> Homo sapiens

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<222> (10)
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<220>
<221> SITE
<222> (13)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8417
Glu Tyr Val Lys Lys Tyr Lys Gly Ser Xaa Ala Phe Xaa Xaa Leu His
1 5 10 15

Tyr Xaa

<210> 8418
<211> 47
<212> PRT
<213> Homo sapiens

<220>
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<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (38)
<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

7458

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8418

Leu	Gln	Ile	Cys	Val	Thr	Val	Ile	Ser	Val	Tyr	Val	Leu	Ser	Leu	Xaa
1				5				10				15			

Met	Cys	Arg	Phe	Val	Ile	Gly	Arg	Tyr	Ile	Ser	Tyr	Leu	Leu	Cys	Phe
			20				25					30			

Ile	His	Ala	Ala	Cys	Xaa	Thr	Xaa	Leu	Tyr	Met	Val	Xaa	Thr	Glu
		35					40					45		

<210> 8419

<211> 31

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8419

Gly	Xaa	Lys	Val	Phe	Asn	Asp	Glu	His	Ile	Phe	Pro	Leu	Ser	Leu	Lys
1				5				10				15			

Cys	Leu	Ala	Phe	Glu	Trp	Tyr	Leu	Ser	Leu	Arg	Xaa	Lys	Xaa	Xaa
			20				25				30			

7459

<210> 8420
<211> 105
<212> PRT
<213> Homo sapiens

<220>
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<222> (97)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8420
Gly Lys Met Gln Lys His Ile Tyr Val Leu Ile Ser Leu Trp Ala Leu
1 5 10 15
Phe Lys Ala Val Leu Arg Gly Arg Gly Tyr Ser Phe Arg Arg Glu Pro
20 25 30
Ala Ser Asp Lys His Asn Leu Leu Gly Thr Trp Glu Arg Asn Gln Arg
35 40 45
Ala Ala Leu Gln Arg Leu Phe Lys Leu Leu Leu Lys Asn Thr Gln Phe
50 55 60
Gly Val Leu Gly Phe Phe Ser Phe Ser Leu Arg His Ser Thr Ile Leu
65 70 75 80
Ile Phe Val Thr Ala Tyr Leu Cys Glu Lys Gly Tyr Phe Tyr Leu Ala
85 90 95
Xaa Leu Cys Gln Pro Ile Arg Leu Pro
100 105

<210> 8421
<211> 46
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (23)
<223> Xaa equals any of the naturally occurring L-amino acids

7460

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8421

Ile	Thr	Cys	Ile	Leu	Leu	Leu	Val	Ile	Lys	Leu	Thr	Ala	Ile	Ile	Val
1				5					10					15	

Asn	Met	Cys	Leu	Xaa	Leu	Xaa	Val	Lys	Trp	Lys	Leu	Leu	Arg	Ser	Leu
			20					25					30		

Thr	Val	Xaa	Glu	Xaa	Lys	Cys	Thr	Gly	Thr	Asp	Gly	Asn	Ile
		35					40					45	

<210> 8422

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (11)

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<220>

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<222> (17)

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<220>

<221> SITE

<222> (24)

7461

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8422

Xaa	Ser	Met	Phe	Asn	Xaa	Asn	Arg	Arg	Glu	Xaa	Arg	Ile	Trp	Leu	Val
1				5					10					15	

Xaa	Glu	His	Gln	Val	Val	Pro	Xaa	Ser	Asn	Cys	Met	Lys	Cys	Trp	Arg
			20					25					30		

Lys	Leu	Xaa	His	Cys	Xaa	Arg	Glu	Leu	Ala	Ser	Leu	Xaa	Ser	Ile	Ala
		35					40					45			

Pro	Gly
	50

<210> 8423

<211> 61

<212> PRT

<213> Homo sapiens

<400> 8423

Tyr	Ser	Val	Glu	His	Asn	Asp	Glu	Ser	Glu	His	Gln	Cys	Cys	Val	Pro
1				5					10					15	

Asp	Leu	Lys	Ala	Leu	Gly	Ala	Asn	Asn	Ser	Gly	Gly	Asp	Cys	Tyr	Gly
			20					25					30		

Phe	Cys	Ile	Lys	Val	Phe	Tyr	His	Val	Lys	Lys	Ile	Arg	Ile	Phe	Ser
		35					40					45			

Leu	Leu	Val	Val	Phe	Ile	Ile	Lys	Tyr	Val	Asp	Tyr	Leu
	50					55					60	

7462

<210> 8424

<211> 67

<212> PRT

<213> Homo sapiens

<400> 8424

His	Ala	Phe	His	Met	Ser	Thr	Phe	Leu	Pro	Cys	Ser	Ser	Cys	Ser	Pro
1				5					10					15	

Asn	Leu	Glu	Gly	Arg	Leu	Pro	Leu	Ala	Lys	Ser	Ser	Ser	Gly	Leu	Glu
			20					25					30		

Asn	Phe	Leu	Ser	Val	Thr	Ser	Phe	Ile	Glu	Pro	Ser	Leu	Ile	Thr	Pro
		35					40					45			

Ser	Leu	Ser	Tyr	Pro	Ser	Leu	Pro	Gln	Pro	Ser	Met	Tyr	Lys	Leu	Leu
	50					55					60				

Leu	Asp	Ala
65		

<210> 8425

<211> 67

<212> PRT

<213> Homo sapiens

<220>

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8425

Asp	Phe	Ala	Tyr	Leu	Pro	Ser	Gly	Leu	Ser	Leu	Glu	Asn	Gln	Asp	Phe
1				5					10					15	

Ser	Asp	Leu	Phe	Leu	Tyr	Pro	Gln	Val	Ser	Leu	Val	Leu	Met	Ser	Pro
			20					25					30		

7463

Ser Xaa Ser Ser Ser Ile Pro Leu Xaa Phe Phe Ser Pro Ser Pro Met
 35 40 45

Gly Ser His Ser Thr Leu Cys Tyr Pro Ser Asp Thr Tyr Asn Ile Cys
 50 55 60

Xaa Asn Arg
 65

<210> 8426

<211> 70

<212> PRT

<213> Homo sapiens

<400> 8426

Thr Val Cys Asn Cys Ser Phe Tyr Phe Phe Gly Thr Tyr Leu Thr Tyr
 1 5 10 15

His Gly Val Asn Ile Met Asn Leu Leu His Ile Val Gln Lys Glu Pro
 20 25 30

Gly Gly Phe Phe Cys Gln His Cys Asp Val Tyr Ser Phe Glu Asp Ser
 35 40 45

Asn Cys Arg Trp Lys Asn Leu Cys Tyr Lys Ala Arg Cys Phe Pro Lys
 50 55 60

Ser Asp Val Leu Val Lys
 65 70

<210> 8427

<211> 160

<212> PRT

<213> Homo sapiens

<400> 8427

Pro Ile Leu Phe Trp Arg Lys Met Glu Thr Ile Ile Leu Ser Val Asp
 1 5 10 15

Cys Gln Thr Ser Asn Ser Ile Asp Asn Val Leu Glu Lys Asp Pro Arg
 20 25 30

Pro Lys Arg Asp Thr Asp Ile Thr Ser Glu Ser Asp Tyr Gly Asn Arg
 35 40 45

Lys Glu Cys Asn Arg Lys Val Pro Arg Arg Ser Lys Ile Pro Tyr Asp
 50 55 60

7464

Ala Lys Thr Ile Gln Thr Ile Lys His His Asn Lys Asn Tyr Asn Ser
65 70 75 80

Phe Val Ser Cys Asn Arg Lys Met Lys Pro Pro Tyr Leu Lys Glu Leu
85 90 95

Tyr Val Ser Ser Ser Leu Ala Asn Cys Pro Met Leu Gln Glu Ser Glu
100 105 110

Lys Pro Lys Thr Glu Ile Ile Lys Val Asp Gln Ser His Ser Glu Asp
115 120 125

Asn Thr Tyr Gln Ser Leu Val Glu Gln Leu Asp Gln Glu Arg Glu Lys
130 135 140

Arg Trp Arg Ala Glu Gln Ala Glu Asn Lys Leu Met Asp Tyr Ile Asp
145 150 155 160

<210> 8428

<211> 44

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8428

Tyr Val Asp Ile Pro Phe Arg Asn Ile Thr Ala Val Asn Tyr Met Arg
1 5 10 15

Leu Ala Ser Gln Met Leu Phe Gly Leu Lys Lys Leu Leu Gln Ser Gln
20 25 30

Val Asn Gly Ile Phe Leu Asn Pro Thr Phe Xaa Val
35 40

<210> 8429

<211> 23

<212> PRT

<213> Homo sapiens

7465

<220>
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<220>
 <221> SITE
 <222> (21)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (23)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8429
 Cys Phe Tyr Lys Val Glu Gln Ile Glu Phe Arg His Ser Gly Lys Ala
 1 5 10 15
 Thr Gly Gly Xaa Xaa Leu Xaa
 20

<210> 8430
 <211> 47
 <212> PRT
 <213> Homo sapiens

<400> 8430
 Ile Leu Asp Ala Thr Phe Asn Leu Ala Val Ile Pro Thr Ala Phe Leu
 1 5 10 15
 Phe Gly Ile Leu Thr Ile Ala Leu His Ser Glu Phe Leu Leu Arg Gly
 20 25 30
 His Tyr His Ser Arg Tyr Tyr Leu Ala Asn Asn Lys Tyr Arg Asp
 35 40 45

<210> 8431
 <211> 53
 <212> PRT
 <213> Homo sapiens

<400> 8431
 Lys Tyr Val Phe Phe Phe Val Glu Ser Phe Gly Leu Phe Lys Phe Arg
 1 5 10 15
 Phe Cys Leu Arg Thr Val Lys Pro Arg Leu Thr Asp Ser Gly Asn Ser

7466

20 25 30

Cys Leu Leu Val Thr His Lys Cys Thr Val Ile Cys Ser Leu Phe Leu
35 40 45

Asn Ile His Leu Leu
50

<210> 8432

<211> 45

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (6)

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<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

7467

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8432

Ala	Leu	Lys	Lys	Met	Xaa	Xaa	Lys	Asp	Phe	Gly	Thr	Lys	Val	Gly	Xaa
1				5					10					15	

Asn	Leu	Xaa	Glu	Lys	Thr	Leu	Glu	Lys	Lys	Glu	Gly	Xaa	Asn	Phe	Asn
			20					25					30		

Asn	Xaa	Xaa	Arg	Thr	Glu	Ser	Leu	Xaa	Leu	Ala	Gly	Gly
			35				40					45

<210> 8433

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

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<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

7468

<400> 8433

Thr Lys Asn Ile Tyr Tyr Tyr Leu Ser Ser Gln Xaa Met Pro Asn Phe
 1 5 10 15

Phe Xaa Ile Xaa Ser Asp Xaa Gln Leu Lys Cys His Val Ala Leu Gln
 20 25 30

Val His Cys Tyr Asn Asp Ser Ile Ser Arg Xaa Ala Cys Ser Xaa Ile
 35 40 45

Val Cys Val Ala Leu Ile
 50

<210> 8434

<211> 57

<212> PRT

<213> Homo sapiens

<400> 8434

Leu Lys Phe Leu His Val Arg Ile Leu Gln Ser Lys Asp Tyr Leu Tyr
 1 5 10 15

Leu Tyr Ile Phe Phe Ser Lys His Cys Phe Ser Phe Ile Ser Gln Ile
 20 25 30

Leu Thr Phe Cys Val Leu Ile Leu Ile Lys Phe Lys Leu Leu Ser Asn
 35 40 45

Ser Ser Phe Asp Phe Leu Ile Asp Thr
 50 55

<210> 8435

<211> 57

<212> PRT

<213> Homo sapiens

<400> 8435

Ala Leu Arg Gly Leu Val Ala Thr Leu Ala Ala Leu Gly Arg Gly Gln
 1 5 10 15

Cys Pro Met Trp Thr Lys Glu Ala Arg Pro Gly Gln Thr Pro His Ser
 20 25 30

Pro Glu Leu Thr Ala Cys Pro Lys Ser Lys His Leu Gly Gln Val Arg
 35 40 45

Leu Leu Asp Gln Asp Cys His Cys Gly

7469

50

55

<210> 8436

<211> 35

<212> PRT

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<400> 8436

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1				5					10					15	

Asn	Xaa	Gly	Trp	Leu	Gln	His	Arg	Val	Thr	Arg	Tyr	Xaa	Thr	Pro	Tyr
			20					25					30		

Xaa	Leu	Thr
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Glu Lys Asp Gln Arg Ile Leu Asn Ser Arg Ser Asp Arg Lys Arg Ser
1 5 10 15
Ile Ser Xaa Glu Xaa Xaa Ile Xaa Gln Lys Ile Xaa
20 25

<210> 8438
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Ile	Val	Ala	Arg	Leu	Gly	Gly	Ser	Phe	Ser	Pro	Lys	Ala	Glu	Glu	Ile
1				5					10					15	

Val	Gly	Phe	Gln	Gly	Pro	Ala	Gly	Ile	Ser	Xaa	Arg	Xaa	Cys	Gly	Glu
			20					25					30		

Ser	Ser	Ser	Leu	Pro	Gln	Pro	Xaa	Glu	Gly	Tyr	Asp	Arg	Xaa	Ser	Val
		35					40					45			

Asp	Ile	Thr	Ser	Leu	Xaa	Gln	Arg	Lys	Leu	Thr	Phe	Asp	Thr	His	Ala
	50					55					60				

Leu	Val	Xaa	Asp	Leu	Glu	Thr	His	Xaa	Ile	Xaa	Gln
65					70				75		

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<213> Homo sapiens

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 Leu Arg Xaa Xaa Leu Ile Arg Leu Thr Ile Gly Lys Xaa Xaa Thr Pro
 1 5 10 15
 Ala Val Thr Gly Thr Lys Phe Pro Gly Arg Pro Thr Arg Pro Leu Asn
 20 25 30
 Lys Tyr Ser His Cys Gln Ser Pro Xaa
 35 40

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<400> 8440

Ala	Xaa	Xaa	Tyr	Arg	Ser	Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Gly
1				5					10					15	

Pro	Gln	Lys	Arg	Asp	Xaa	Xaa	Gly	Asn	Val	Ile	Val	Xaa	Lys	Ala	Ser
			20					25					30		

Ala	Ile	Arg	Arg	Thr	Leu	Leu	Cys	Arg	Arg	Xaa	Gly	Ser	Lys	Ala
			35				40					45		

<210> 8441

<211> 76

<212> PRT

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<400> 8441

Glu Phe His Xaa Trp Ser Tyr Tyr Gly Ser Leu Gln Ala Trp His Ser

1

5

10

15

Pro Val Met Gln Ser Ala Leu Val Pro Gly Cys Gln Pro His Ser Ile

20

25

30

Pro Tyr Leu Gly Val Asn Gly Ala Xaa Phe Leu Leu Xaa Val Cys Ser

35

40

45

Pro Asp Ser Ser Leu Pro Pro Arg Ile Cys Phe Arg Glu Ser Gln Thr

50

55

60

Thr Glu His Cys Pro Xaa Ala Leu Ser Ile Thr Leu

65

70

75

<210> 8442

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<400> 8442

Met	Thr	Met	Ile	Thr	Ala	Xaa	Xaa	Asn	Thr	Xaa	His	Tyr	Arg	Glu	Xaa
1				5				10					15		

Trp	Tyr	Ser	Val	Xaa	Val	Pro	Val	Arg	Asn	Cys	Arg	Glu	Arg	Pro	Thr
			20					25				30			

Arg	Thr	Ile	Xaa	Met	Leu	Leu	Gly	Met	Leu	Met	Xaa
			35				40				

<210> 8443

<211> 43

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<400> 8443

Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg
1				5				10					15		

Ser	Glu	Glu	Xaa	Cys	Ala	Xaa	Thr	Ser	Thr	His	Ala	Lys	Arg	Lys	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

7476

20

25

30

Asp Xaa Ser Arg Cys Pro Xaa Gln Tyr Lys His
 35 40

<210> 8444

<211> 39

<212> PRT

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<400> 8444

Xaa Asn Thr Thr Xaa Tyr Arg Glu Xaa Trp Tyr Ala Cys Arg Tyr Arg
 1 5 10 15

7477

Ser Gly Ile Ser Arg Val Xaa Pro Arg Val Arg Gly Ile Phe Xaa Cys
 20 25 30

Tyr Phe Trp Xaa Tyr Phe Xaa
 35

<210> 8445

<211> 52

<212> PRT

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<400> 8445

His Asn Asn Phe Thr Gln Glu Asn Xaa Tyr Asp His Asp Tyr Trp Gln
 1 5 10 15

Xaa Xaa Ile Arg Xaa Thr Ile Gly Lys Gly Gly Xaa Pro Ala Gly Thr
 20 25 30

Gly Pro Glu Phe Arg Gly Thr Thr His Ala Ser Ala Leu Asn Xaa Ser

7478

35

40

45

Arg Arg Leu Lys
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<210> 8446

<211> 50

<212> PRT

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Tyr	Asp	His	Asp	Tyr	Trp	Gln	Xaa	Xaa	Ile	Arg	Xaa	Thr	Ile	Gly	Lys
1				5					10					15	

Gly	Glu	Thr	Pro	Xaa	Gly	Xaa	Gly	Pro	Glu	Phe	Pro	Asp	Thr	Thr	Pro
			20					25					30		

Arg	Val	Arg	Glu	Ser	Val	Leu	Ala	Gln	Arg	Xaa	Xaa	Ala	Xaa	Gln	Xaa
			35				40					45			

Gln	Asp
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<210> 8447

<211> 41

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7480

<400> 8447

Thr Gly Met Thr Met Xaa Thr Ala Xaa Xaa Asn Thr Thr Xaa Tyr Arg
1 5 10 15

Glu Xaa Trp Asp Ala Cys Arg Asn Arg Ser Gly Ile Pro Gly Ser Thr
20 25 30

His Ala Thr Glu Ser Val Cys Ser Ile
35 40

<210> 8448

<211> 34

<212> PRT

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<400> 8448

Lys Pro Lys Glu Ser Arg Ser Val Lys Val Arg Ser Gly Ile Pro Gly
1 5 10 15

Ser Xaa His Ala Ser Gly Val Ser Xaa Phe Lys Lys Met Xaa Phe Phe
20 25 30

Leu Lys

<210> 8449

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 1 5 10 15
 Asn Thr Thr His Tyr Arg Glu Xaa Trp Tyr Ala Cys Arg Tyr Arg Ala
 20 25 30
 Gly Ile Pro Gly Ser Thr His Ala Xaa Val Leu Phe Leu Leu Thr Asn

7482

35

40

45

Xaa Asn Ile Ser Lys Thr Lys Arg Val Phe Xaa Xaa Leu Lys His Lys
50 55 60

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<211> 50

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<400> 8450

7483

Ala Leu Ile Arg Leu Xaa Ile Val Asp Cys Trp Xaa Ala Cys Xaa Tyr
 1 5 10 15

Arg Ala Gly Ile Pro Gly Ser Thr His Ala Xaa Glu Leu Leu Ala Ala
 20 25 30

Ile Tyr Xaa Lys Asn Ala Tyr Met His Ser Val Arg Lys Thr Leu Tyr
 35 40 45

Xaa Xaa
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<210> 8451

<211> 61

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<400> 8451

Thr Pro Xaa Gly Thr Gly Pro Glu Phe Pro Phe Xaa Pro Arg Val Arg
 1 5 10 15

Pro Arg Xaa Arg Ile Phe Ile Ala Tyr His Leu Ile Leu Cys Ala Arg
 20 25 30

7484

Glu Gly Met Ala Arg Ile Asn Met Pro Gln Tyr Pro His His Xaa Phe
35 40 45

Tyr Ser His Ser Cys Pro Xaa Phe Leu Trp His Ile Phe
50 55 60

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<210> 8452
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1 5 10 15

7485

Cys Xaa Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Ser Ala Arg
20 25 30

Pro Arg Leu Ser Xaa Leu Trp Xaa Xaa Trp Leu
35 40

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<400> 8453
Leu Arg Gln Ala Leu Ile Arg Leu Thr Ile Gly Ile Ala Xaa Thr Pro
1 5 10 15

Ala Gly Thr Gly Pro Glu Phe Pro Asn Arg Pro Thr Arg Pro Leu Thr
20 25 30

7486

Gly Xaa Ile Leu Lys Ile Pro Ser Thr Leu Ser Xaa Lys Asp Phe Xaa
35 40 45

Asn Xaa Leu Lys Cys Xaa
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<210> 8454

<211> 84

<212> PRT

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<400> 8454

Gly	His	Val	Pro	Arg	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Xaa	Arg
1				5					10					15	

Thr	Arg	Gly	Ala	Leu	Phe	Arg	Tyr	Pro	Xaa	Tyr	Leu	Ser	Gly	Tyr	Xaa
			20					25					30		

Thr	Thr	Leu	Xaa	Leu	Gly	Pro	Leu	Xaa	Glu	Ser	Pro	Cys	Val	His	Ala
		35					40					45			

Thr	Pro	Pro	Leu	Ser	Leu	Pro	Gln	Asn	Leu	Thr	Xaa	Glu	Gly	Thr	Gly
	50					55					60				

Asn	Xaa	Gly	Ala	Xaa	Val	Ser	Xaa	Ile	Arg	Glu	Leu	Phe	Asn	Phe	Ser
65					70					75					80

Ser Cys Gln Gly

<210> 8455

<211> 38

<212> PRT

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<400> 8455

Ser	Phe	Thr	Lys	Gly	Gly	Phe	Gln	Xaa	Ala	Glu	Ile	Leu	Xaa	Phe	Phe
1				5				10					15		

Leu	Cys	Ser	Gln	Met	Lys	Pro	Gly	Ala	Arg	Thr	Val	Xaa	Xaa	Trp	Tyr
			20				25						30		

Ile	Ala	Xaa	Leu	Ala	Leu
			35		

<210> 8456

<211> 69

<212> PRT

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7489

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8456

Thr	Lys	Glu	Leu	Asp	Ser	Xaa	Pro	Gly	Pro	Gly	Arg	Leu	Gly	Thr	Thr
1				5					10					15	

Leu	Ser	Gly	Met	Gln	Leu	Xaa	Leu	Xaa	His	Arg	Thr	Ser	Tyr	Xaa	Pro
			20					25					30		

Ser	Xaa	Glu	Xaa	Arg	Gly	Arg	Asn	Pro	Gly	Trp	Pro	His	Trp	Gln	Pro
		35					40					45			

Xaa	Xaa	Phe	Ser	Ser	Pro	Xaa	Pro	Gln	Lys	Xaa	Pro	Phe	Arg	His	Phe
		50				55					60				

Leu	Gly	Xaa	Lys	Ser
65				

<210> 8457

<211> 41

<212> PRT

<213> Homo sapiens

7490

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<400> 8457
 Xaa Xaa Asp Trp Val Ser Leu Val Glu Leu Cys Pro Lys Thr Cys Met
 1 5 10 15
 Gly Tyr Asn Leu Xaa Ser Leu Pro Gln Leu Xaa Tyr Lys Ala Cys Gly
 20 25 30
 His Thr Gln Phe Gln Xaa Ala Tyr Gln
 35 40

<210> 8458
 <211> 97
 <212> PRT
 <213> Homo sapiens

<220>
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<400> 8458
 Leu Leu Arg Thr Glu Ala Leu Glu Cys Leu Thr Val Gln Pro Gly Ser
 1 5 10 15

7491

His Arg Asn Ile Pro Ile Gln Arg Gln Lys Ser Val Val Cys Thr Met
 20 25 30
 Leu Ser Gly Gln Ile Arg Gly Ser Phe Leu Leu Thr Pro Cys His Cys
 35 40 45
 Glu Leu Pro Lys Gln Asp Pro Leu Ser Gly Lys Pro Leu Asn Gly Leu
 50 55 60
 Gln Ser Ser Lys Trp Ser Gln Ala Gln Glu Glu Leu Pro Arg Val Ile
 65 70 75 80
 Gln Asn Ala Leu Trp Glu Ala Xaa Val Glu Asn Gln His Thr Gln Arg
 85 90 95
 Leu

<210> 8459

<211> 46

<212> PRT

<213> Homo sapiens

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7492

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8459

Gly	Thr	Arg	Ala	Gly	Ile	Xaa	Gly	Ser	Xaa	His	Ala	Phe	Gly	Val	Xaa
1				5					10					15	

Ser	Ala	Gly	Arg	Arg	Xaa	Ile	Arg	Lys	Pro	Ile	Asp	Arg	Ile	Ile	Ala
			20					25					30		

Arg	His	Asp	Leu	Xaa	Gln	Xaa	Pro	Leu	Ser	Ile	Leu	Leu	Lys
		35					40					45	

<210> 8460

<211> 63

<212> PRT

<213> Homo sapiens

<400> 8460

Asp	Leu	Lys	Met	Ile	Ser	Leu	Ser	Pro	Leu	Leu	Arg	Ser	Phe	Gln	Gly
1				5					10					15	

Thr	Thr	Ile	Arg	Ala	Leu	His	Pro	Asn	Thr	Leu	Ala	Ser	Phe	Trp	Ser
			20					25					30		

Phe	Cys	Pro	Gly	Thr	Glu	Val	Gln	Leu	Gly	Asp	Pro	Ser	His	Thr	Gly
		35					40					45			

Glu	Gly	Val	Ala	Val	Glu	Pro	Gln	Thr	Pro	Trp	Ser	Pro	Gln	Glu
	50					55					60			

<210> 8461

<211> 18

<212> PRT

<213> Homo sapiens

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

7493

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8461
Val Arg Ser Arg Ile Phe Ser Ile Gly Xaa Lys Val Xaa Val Xaa Arg
1 5 10 15

Xaa Met

<210> 8462
<211> 21
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8462
Gln Leu Lys Ser Met Gly Asn Pro Xaa Ile Glu Ile Val Phe Ala Xaa
1 5 10 15

Lys Val Pro Phe Xaa
20

<210> 8463
<211> 33
<212> PRT

7494

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8463

Lys	Cys	Xaa	His	Phe	Leu	Lys	Ser	Xaa	Thr	Lys	Ala	Leu	Tyr	Phe	Leu
1				5				10				15			

Phe	Lys	Lys	Ser	Leu	Pro	His	Leu	Val	Lys	Ile	Phe	Ser	Tyr	Leu	Xaa
			20				25					30			

Ser

<210> 8464

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (23)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

7495

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8464

Glu	Phe	Ile	Val	Val	Tyr	Leu	Phe	Lys	Tyr	Leu	Thr	Phe	Lys	Phe	Leu
1				5				10					15		

Thr	Ile	Tyr	Phe	Ile	Leu	Xaa	Ser	Xaa	Val	Ala	Trp	Ile	Xaa	His	Ile
			20				25						30		

His	Thr	Xaa	Lys
			35

<210> 8465

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

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7496

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<222> (45)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (46)
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<400> 8465
Arg Pro Xaa Ala Ala Trp Thr Gly His Xaa Met Xaa Pro Leu Thr
1 5 10 15
Ala Ala Arg Ser Ala Met Gln Asp Tyr Xaa Val Ser Pro Ile Gly Asp
20 25 30
Pro Trp Arg Thr Met Leu Arg Phe Xaa Leu Xaa Gly Xaa Xaa
35 40 45

<210> 8466
<211> 22
<212> PRT
<213> Homo sapiens

<220>
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<222> (19)
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<400> 8466
Thr Ser Ser Arg Ser Arg Ala Ala Ala Leu Phe Phe Pro Phe Tyr Ile
1 5 10 15
Phe Leu Xaa Val Tyr Asp
20

<210> 8467
<211> 54
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (39)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8467

7497

Pro Phe Gln Pro Ala His Ala Val Glu Asp Lys Phe Thr Asp Leu Ala
1 5 10 15
Thr Asp Glu Phe Gln Thr Glu Gly Ile Arg Lys Thr Val Ser Ile Val
20 25 30
Ser Leu Glu Leu His Ser Xaa Phe Lys Ala Ser Ala Ile Arg Lys Asp
35 40 45
Asp Phe Tyr Leu Leu Gly
50

<210> 8468

<211> 24

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8468

Pro Xaa Val Arg Pro Arg Val Arg Phe Arg Arg Asn Thr Ser Lys Gly
1 5 10 15

Asp Xaa Thr Met Ile Phe Thr Xaa
20

<210> 8469

<211> 64

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (8)

7498

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (14)

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8469

Gln	Pro	Ile	His	Thr	Arg	Ala	Xaa	Leu	Xaa	Xaa	Tyr	Thr	Xaa	Ala	His
1				5				10					15		

Tyr	Ser	Leu	Gln	Leu	His	Met	Leu	Tyr	Leu	Asp	His	Ser	Glu	Ala	Asn
		20					25					30			

Ser	Xaa	His	Tyr	Ile	Ile	Val	Ser	Ile	Asn	Ile	Ser	Asn	Xaa	Leu	Lys
	35						40				45				

Tyr	Thr	Ile	Xaa	Ile	Gln	Ala	Ser	Pro	Ile	Val	Pro	Gln	Met	Phe	Gly
	50				55						60				

<210> 8470

7499

<211> 52
<212> PRT
<213> Homo sapiens

<220>
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<222> (44)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (48)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8470
Arg Tyr Cys Ile Ile Leu Arg Lys Cys Gly Tyr Leu Asp Val Tyr His
1 5 10 15
Thr Val Ser Leu Cys Leu His Thr Asn Leu Cys Lys Lys Cys Ile Leu
20 25 30
Val Cys Val Pro Gln Pro Ala Val Cys Phe Leu Xaa Val Leu Val Xaa
35 40 45
Phe Lys Tyr Lys
50

<210> 8471
<211> 66
<212> PRT
<213> Homo sapiens

<220>
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<222> (20)
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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

7500

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8471

Val	Gly	Arg	Arg	Phe	Leu	Ile	Leu	Thr	Arg	Thr	Ser	Ser	Tyr	Val	Val
1				5				10						15	

Pro	Ser	Trp	Xaa	Ser	Pro	Gly	Gly	Pro	Gln	Lys	Ser	Leu	Ile	Ala	Gly
			20					25					30		

Xaa	Val	Cys	Ser	Ser	Val	Ser	Val	His	Ser	Phe	Gly	Val	Ala	Arg	Arg
		35					40					45			

Cys	His	Xaa	Leu	Cys	Xaa	Met	Met	Ala	Gly	Ala	Xaa	Ala	Thr	Xaa	Pro
	50					55					60				

Pro	Gln
65	

<210> 8472

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (3)

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

7501

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8472

Xaa Thr Xaa Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Met Arg
1 5 10 15

Pro Val Ile Ser Val Ile Lys Lys Ile Thr Glu Pro Leu Lys Gly Ile
20 25 30

His Xaa Xaa Trp
35

<210> 8473

<211> 77

<212> PRT

<213> Homo sapiens

<400> 8473

His Val Glu Arg Ser Cys Pro Pro Gly Arg Gln Glu Ala Met Pro Thr
1 5 10 15

Ala Pro Gly Gln Ala Ser Ser Gln Lys Ala Leu Ser Ala Gly Leu Ala
20 25 30

Ala Ile Pro Val Leu Gly Gly Pro Arg Ala Arg Leu Pro Glu Val Arg
35 40 45

Trp Pro Glu Ser Trp Asp Ser Val Leu Gly Leu Leu Ala Ala Glu Gln
50 55 60

Ala Ala His Leu Thr Ser Val Val Ala Ser Phe Ser Arg
65 70 75

<210> 8474

<211> 69

<212> PRT

<213> Homo sapiens

<220>

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7502

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<220>
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<400> 8474
Gln Thr Pro Ala Val Val Ser Val Xaa Pro Xaa Ser Gly Leu Trp Pro
1 5 10 15
Xaa Leu Leu Val Leu Val Thr Pro Ser Leu Xaa Xaa Pro Pro Pro Trp
20 25 30
Tyr Val Tyr Ser Leu Gln Val Leu His Lys Ser Xaa Cys Leu Xaa Cys
35 40 45
Gly Glu Gly Arg Leu Leu Xaa Leu Gly Ser Val Asp Arg Lys Glu His
50 55 60

7503

Thr Cys Xaa Cys Ile
65

<210> 8475

<211> 19

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8475

Arg	Glu	Gly	Gly	Lys	Val	Trp	Gly	Gly	Gly	Cys	Glu	Asn	Leu	Gly	Leu
1				5				10						15	

Ile Leu Xaa

<210> 8476

<211> 46

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8476

Trp	Xaa	Leu	Pro	Xaa	Met	Arg	Gly	Ile	Arg	Trp	Leu	Glu	Asp	Glu	Val
1				5				10						15	

Asp	Gly	Arg	Leu	Tyr	Ile	Ile	Phe	Thr	Pro	Leu	Cys	Pro	Phe	Asn	Phe
			20					25					30		

Lys	Leu	Arg	Asp	Val	Thr	Cys	Ser	Lys	Ser	Arg	Asp	Lys	Ile
			35				40					45	

7504

<210> 8477
<211> 12
<212> PRT
<213> Homo sapiens

<220>
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<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8477
Ala Xaa Asn Lys Arg Leu Lys Tyr Cys Asn Lys Thr
1 5 10

<210> 8478
<211> 52
<212> PRT
<213> Homo sapiens

<220>
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<400> 8478
Thr Xaa His Phe Pro Arg Leu Arg Glu His Xaa Asp Leu His Arg Val
1 5 10 15

7505

Leu Cys Leu His Xaa Met Pro Ser Gly Thr Ile Trp Phe Ile Leu Val
20 25 30

Gly Arg Ile Phe Ala Xaa Glu Lys Lys Ile Tyr Met Tyr Leu Ile Leu
35 40 45

Ile Xaa Leu His
50

<210> 8479

<211> 16

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8479

Val Xaa Arg Val Xaa Val Pro Ala Arg Ala Gly Val Val Xaa Ala Glu
1 5 10 15

<210> 8480

<211> 74

<212> PRT

<213> Homo sapiens

<220>

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<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

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7506

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (74)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8480
 Cys Gly Ser Trp His Asn Arg His Tyr Leu Ala Lys Asp Pro Ser Phe
 1 5 10 15
 Leu Phe Leu Tyr Phe Ala Gln Arg Pro Gly Arg Leu Xaa Xaa Lys Ala
 20 25 30
 Lys Ser Pro Gly Phe Pro Cys His Leu Ala Phe Lys Cys Ala Gln Pro
 35 40 45
 Met Thr Gly Trp Lys Glu Ile Asp Ser Xaa Gly Lys Arg Gly Xaa Ile
 50 55 60
 Cys Val Gln Glu Xaa Phe Xaa Phe Pro Xaa
 65 70

<210> 8481
 <211> 30
 <212> PRT
 <213> Homo sapiens

7507

<220>
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 <222> (2)
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<220>
 <221> SITE
 <222> (9)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (24)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (25)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (28)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8481
 Asn Xaa Ala Asp Met Glu Val Leu Xaa Trp Thr His Arg Glu Gly Ala
 1 5 10 15
 Val Trp Lys Leu Phe Gly Ser Xaa Xaa Met Met Xaa Val Ala
 20 25 30

<210> 8482
 <211> 42
 <212> PRT
 <213> Homo sapiens

<400> 8482
 Ser Arg Ile Ala Leu Ser Lys Trp Leu Pro Ser Ala Glu Asp Arg Phe
 1 5 10 15
 Phe Ser Pro Ile Cys Leu Tyr Val Glu Lys Trp Tyr Arg Ile Gly Thr
 20 25 30
 Val Phe Glu Asp Leu Met Tyr Ile Tyr Lys
 35 40

7508

<210> 8483
<211> 70
<212> PRT
<213> Homo sapiens

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7509

<220>
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<220>
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<400> 8483
 Gly Xaa Leu Val Arg Xaa Gln Val Pro Val Arg Asn Ser Arg Val Asp
 1 5 10 15
 Pro Arg Xaa Arg Thr Asn Xaa Gly Thr Val Lys Asp Ser Gln Xaa Xaa
 20 25 30
 Xaa Ser Arg Gln Glu Asn Phe Val Xaa Leu Leu Cys Val Asp Arg Leu
 35 40 45
 Xaa Ser Val Xaa Pro Met Glu Met Pro Thr Gly Leu Asp Ala Trp Arg
 50 55 60
 Leu Xaa Xaa Xaa Xaa Arg
 65 70

<210> 8484
 <211> 67
 <212> PRT
 <213> Homo sapiens

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<400> 8484

Trp	Ile	Leu	Phe	Leu	Ser	Trp	Ser	His	Phe	Val	Thr	Cys	Phe	Cys	Pro
1				5					10					15	

Arg	Glu	Pro	Gln	Gly	Ser	Glu	Ser	Cys	Ala	Pro	Gly	Gln	Gly	Leu	His
			20					25					30		

Leu	Pro	Ser	Xaa	Val	Pro	Pro	Trp	Ala	Pro	Gly	Ala	Ser	Gly	Ala	Val
		35					40					45			

Pro	Gly	Xaa	Ser	Xaa	Thr	Xaa	Xaa	Val	Thr	Ala	Glu	Pro	Leu	Pro	His
		50				55					60				

Pro	Ser	Leu
		65

<210> 8485

<211> 46

<212> PRT

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<400> 8485
 Ile Leu Met Glu Thr Pro Asp Tyr Arg Val Xaa Trp Asn Ala Pro Gln
 1 5 10 15
 Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Xaa Arg Thr Val Xaa
 20 25 30
 Gly Thr Thr Leu Arg Trp Xaa Xaa Met Lys Thr Arg Arg Thr
 35 40 45

<210> 8486
 <211> 84
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<400> 8486
 Met Xaa Leu Xaa Xaa Gly Gly Cys Gly Gly Pro Leu Arg Glu Gln Lys
 1 5 10 15
 Pro Cys Met Ser Asp Arg Val Cys Gln Pro Tyr Pro Xaa Met Glu Leu
 20 25 30
 Leu Pro Ala Thr Ser His Arg Gly Ile Ile Val Ala Gly Leu Leu Xaa
 35 40 45
 Cys Ile Thr Glu Leu Trp Arg Cys Val Cys Gly Gly Glu Asp Ser Ile
 50 55 60
 Xaa Arg Gly Val His Xaa Ala Glu Ala Val Xaa Cys Gln Gly Xaa Met
 65 70 75 80
 Ala Leu Thr Ala

7513

<210> 8487
<211> 38
<212> PRT
<213> Homo sapiens

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<400> 8487
Met Tyr Lys Xaa Ser Tyr Ile Leu Xaa Xaa Arg Gln Asn Ile Met Val
1 5 10 15
Glu Pro Asn Leu Ile Cys Ser Leu Ser Asn Ile Glu Xaa Phe Lys Arg
20 25 30
Tyr Xaa Ile Met Met Asn
35

<210> 8488
<211> 71
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7515

<400> 8488

Leu Ile His Tyr Xaa Lys Lys Arg Met Gly Glu Lys Xaa Lys Xaa Ala
 1 5 10 15

Leu Arg Pro Pro Thr Thr Ala Met His Ala Ser Ser Ile Xaa His Xaa
 20 25 30

Ser Ser Leu Xaa Arg Tyr Asn Ala Cys Trp Lys Pro Cys Val Pro Thr
 35 40 45

Asn Arg Leu Thr His Pro Xaa Xaa Val Gly Asn Glu Xaa Ala Ala Val
 50 55 60

Ala Phe His Ser Gly Xaa Xaa
 65 70

<210> 8489

<211> 34

<212> PRT

<213> Homo sapiens

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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8489

Val Val Arg Asn Leu Xaa Ala Trp Thr Xaa Ser Asn Arg Cys Ser Tyr
 1 5 10 15

Ser Ser Trp Cys Ala Cys Xaa Leu Pro Ile Leu Xaa Pro Thr Phe Leu
 20 25 30

Leu Leu

7516

<210> 8490
<211> 53
<212> PRT
<213> Homo sapiens

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<400> 8490
Xaa Tyr Xaa Ser Leu Val Glu Leu Ile Met Ile Cys Pro Arg Xaa Gly
1 5 10 15

Phe Leu Glu Leu Xaa Ser Ser Pro Asn Xaa Pro Asp Pro Lys Val Arg
20 25 30

7517

Leu Ser Ala Xaa Arg Pro Asp Arg His Thr Gly Arg Gln Gln Ser Thr
 35 40 45

Lys Thr Xaa Asp Ile
 50

<210> 8491

<211> 41

<212> PRT

<213> Homo sapiens

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8491

Ser Phe Phe Ser Ile Ala Xaa Ser Pro Ser Xaa Glu Gln Val Glu Xaa
 1 5 10 15

Ala Asn Ala Ser His Ala Arg Met His Glu Ala Val Thr Thr Thr His
 20 25 30

Ala Xaa Ser Leu Ser Cys Pro Gly Lys
 35 40

<210> 8492

<211> 32

<212> PRT

<213> Homo sapiens

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<400> 8492
Phe Val Val Asp Leu Tyr Leu Xaa Leu Xaa Asn Val Thr Lys Ile Ser
1 5 10 15
Tyr Arg Tyr Met Lys Leu Xaa Xaa Ser Lys Ser Thr Ile Thr Leu Asn
20 25 30

<210> 8493
<211> 62
<212> PRT
<213> Homo sapiens

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<400> 8493
 Thr Val Ser Ser Ile Asn Gln Gln Xaa Cys Thr Leu Gly Ile Thr Pro
 1 5 10 15
 Asn Asp Xaa Lys Ala Lys Xaa Leu Lys Gly Cys Leu Leu Ile Xaa Arg
 20 25 30
 Thr Ser Pro Xaa Lys Xaa Leu Phe Xaa Asp Cys Xaa Thr Asp Lys Leu
 35 40 45
 Trp Ser Xaa Xaa Arg Asn Val Lys Gln Thr Xaa Val Asn Ile

7520

50

55

60

<210> 8494

<211> 42

<212> PRT

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<400> 8494

Xaa	Pro	Glu	Glu	Arg	His	Val	Arg	Xaa	Trp	Phe	Gly	Gly	Ile	Arg	Glu
1						5			10					15	

Ala	Ala	Gln	Val	Val	Gly	Xaa	Arg	Cys	Arg	Xaa	Arg	Leu	Phe	Gly	Thr
								25					30		

Glu	Arg	Ala	Arg	Xaa	Arg	Leu	Gly	Gly	Xaa

35

40

7521

<210> 8495
 <211> 70
 <212> PRT
 <213> Homo sapiens

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<400> 8495
 Xaa Ser Ser Xaa Arg Arg Cys Xaa Pro Val Ala Asp Leu Thr Thr Cys
 1 5 10 15
 Gly Xaa Glu Ser Pro Gly Gly Arg Leu Thr Thr Gln Pro Glu Thr Ala
 20 25 30
 Leu Gly Ser Gln Leu Ile Arg Ser Trp Gly Ser Val Ser Xaa Cys Glu
 35 40 45
 Pro Leu His Ala Asp Thr Leu Gln Ala Arg Ala Xaa Arg Pro Leu Leu
 50 55 60
 Leu Gln Leu His Leu Arg
 65 70

7522

<210> 8496
<211> 45
<212> PRT
<213> Homo sapiens

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<220>
<221> SITE
<222> (38)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8496
Ile Cys Trp Phe Val Leu Xaa Xaa Leu Phe Pro Thr Pro Leu Asn Lys
1 5 10 15
Val His Glu Lys Tyr Arg Pro Thr Xaa His Cys Leu Leu Cys Ser Xaa
20 25 30
Lys Thr Arg Gly Xaa Xaa Ser Phe Gly Leu Leu Thr Val
35 40 45

<210> 8497
<211> 70

7523

<212> PRT

<213> Homo sapiens

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<400> 8497

Arg	Leu	Ser	Pro	Gly	Ala	Phe	Xaa	Tyr	Val	Xaa	Tyr	Cys	Xaa	Glu	Xaa
1				5				10					15		

Tyr	Thr	Asp	Pro	Leu	Leu	Arg	Arg	Ser	Gly	Pro	Leu	Arg	Glu	Pro	Ser
			20					25					30		

Pro	Thr	Xaa	Pro	Asn	Pro	Lys	Gly	Gln	Leu	Ser	Gly	Pro	Ser	Arg	Arg
		35					40					45			

Thr	Pro	Gly	Xaa	Lys	Glu	Ala	Ala	Leu	Thr	Thr	Ser	Pro	Gln	Glu	Met
	50					55					60				

7524

Ala Gln Ser Val Lys Xaa
65 70

<210> 8498

<211> 67

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8498

Lys Gly Asn Leu Lys Leu Lys Ser Gln Glu Gly Glu Xaa Ile Asp Arg
1 5 10 15

Xaa Leu Pro Cys Arg Glu Xaa Gln Asp Pro Asp Leu His Asp Ser Glu
20 25 30

Arg His Asp Lys Arg Arg Leu Thr Val Asn Gln Gly Xaa Lys Lys Arg
35 40 45

Xaa Glu Xaa Leu Ala Leu Ser Asn Gln Trp Trp Tyr Lys Asn Gly Gly

7525

50 55 60
 Pro Gly Trp
 65

 <210> 8499
 <211> 43
 <212> PRT
 <213> Homo sapiens

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 <400> 8499
 Leu Xaa Lys Glu Thr Arg Leu Arg Pro Thr Arg Ile Lys Ala Xaa Thr
 1 5 10 15

 Lys Thr His Ser Gly Arg Trp Xaa Arg Gly Xaa Gly Trp Lys Thr Met
 20 25 30

 His Glu Gly Xaa His Leu Phe Ser Leu Ala Xaa
 35 40

7526

<210> 8500
<211> 31
<212> PRT
<213> Homo sapiens

<220>
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<400> 8500
Asp Tyr Xaa Arg Thr Xaa Tyr Xaa Phe Xaa Met Thr Ser Asp Lys Asp
1 5 10 15

His Tyr Asn Cys Pro Thr Xaa Ser Thr Val Tyr Asn Ile Ala Gly
20 25 30

<210> 8501
<211> 66
<212> PRT
<213> Homo sapiens

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<220>
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<400> 8501
 Leu Tyr Val Xaa Lys Xaa Leu Ile Leu Asn Glu Gly Xaa Lys Leu Val
 1 5 10 15
 Tyr Cys Val Leu Xaa Arg Gly Ile Thr Leu Cys Gly Ile Val Thr Gly
 20 25 30
 Ile Ser Glu Glu Glu Asn Gly Lys Met Arg Ser Xaa Ile Arg Arg Trp
 35 40 45

7528

Val Asp His Arg Xaa Gln Cys Ile Thr Xaa Xaa Glu Asp Ile Xaa Lys
50 55 60

Gly Lys
65

<210> 8502

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8502

Asn Ser Leu Pro Ser Glu Leu Leu Thr Phe Xaa Leu Gly Ser Thr Ile
1 5 10 15

Pro Arg Xaa Gly Asp Asn Gly Thr Asp Thr His Thr Xaa Pro His Arg
20 25 30

Xaa His

<210> 8503

<211> 43

<212> PRT

<213> Homo sapiens

<220>

7529

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<220>
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<400> 8503
Glu Trp Gly Arg Gly Gly Leu Lys Ile Leu Trp Gly Gly Xaa Ser Pro
1 5 10 15

Asn Ile Val Pro Pro Ser His Pro Arg Thr Xaa Leu His Ile Asp Ala
20 25 30

Xaa His Arg Gly Gly Ser Lys Leu Pro Leu Ser
35 40

<210> 8504
<211> 46
<212> PRT
<213> Homo sapiens

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7530

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<400> 8504

Ile	Val	Phe	Lys	Ala	Xaa	Arg	Gly	Asp	Leu	Gly	Thr	Leu	Gly	Glu	Ser
1				5					10					15	

Thr	Xaa	Arg	Phe	Gly	Met	Xaa	Asn	Pro	Arg	Tyr	Xaa	Ile	Ile	Glu	Gln
			20					25						30	

Xaa	Tyr	Asp	Arg	Asn	Leu	Phe	Ile	Gln	Gln	Ser	Trp	Asp	Val
		35					40					45	

<210> 8505

<211> 70

<212> PRT

<213> Homo sapiens

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<400> 8505
Xaa Ala Gln Xaa Arg Asp Gly Ser His Leu Xaa Pro Asp Tyr Ile Xaa
1 5 10 15
Phe Asp Thr Phe Thr His Lys Val Asp Lys Arg Val Thr Lys Phe Val
20 25 30
Gln Asn Ser His Xaa Pro Arg Ala Xaa Thr Asp Ser Ala Gly Thr Gln
35 40 45
Leu Leu Phe Pro Lys Pro Arg Thr Pro His Glu Ser Pro Xaa Pro Xaa
50 55 60
Val His Xaa Arg Xaa Gly
65 70

<210> 8506
<211> 35
<212> PRT
<213> Homo sapiens

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<400> 8506

Asn	Glu	Leu	Gly	Met	Glu	Arg	Leu	Ala	Ser	Met	Leu	Gly	Met	Pro	Xaa
1				5					10					15	

Glu	Ala	Pro	Xaa	Asp	Glu	Asp	Thr	Ile	Asn	Leu	Leu	Trp	Xaa	Xaa	Asp
			20					25					30		

Gln	Thr	Thr
		35

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<211> 56

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<400> 8507

7533

Xaa Thr Ala Xaa Met Xaa Gly Leu Lys Arg Asp Leu Gly Thr Lys Glu
 1 5 10 15
 Ile Arg Asn Cys Met Lys Glu Met Glu Xaa Arg Cys Ala His Cys Thr
 20 25 30
 Arg Leu Asn Lys Ala Ala Gly Gln Arg Asn Lys Asp Val His Thr Glu
 35 40 45
 Ser Val Cys Arg Leu Pro Glu Thr
 50 55

<210> 8508

<211> 31

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8508

Met Arg Arg Ser Val Pro Ser Trp Xaa Xaa Glu Pro Ala Leu Pro Arg
 1 5 10 15

Xaa Thr Leu Gly Tyr Pro Leu Leu Leu Pro Cys Cys Val Gly Arg
 20 25 30

<210> 8509

<211> 84

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<400> 8509

Ser	Pro	Xaa	Xaa	Gln	Gly	Val	Arg	Gln	Xaa	Arg	Lys	Cys	Cys	Val	Xaa
1				5					10					15	

Cys	His	Arg	Pro	Ser	Thr	Thr	Cys	Gly	Arg	Thr	Gln	Leu	Leu	Pro	Pro
			20					25					30		

Lys	Pro	Lys	Ala	Pro	Tyr	Asp	Leu	Arg	Thr	Leu	Arg	His	Val	Arg	Gly
		35					40					45			

Gly	Asp	Val	Thr	Thr	Lys	Thr	Arg	Xaa	Pro	Val	Gln	Pro	Gly	Pro	Trp
	50					55					60				

Thr	Ala	Trp	Xaa	Xaa	His	Asn	Ala	Arg	Gln	Ala	Thr	Glu	Glu	Gln	Ser
65					70					75					80

Thr Ala Arg Pro

7535

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<400> 8510
Glu Val His Arg Leu Thr Cys Val Glu Phe Cys Asp Leu Val Cys Arg
1 5 10 15

Glu Thr Gly Xaa Leu Lys Xaa Thr Leu Leu Arg Tyr Gln Leu Leu Met
20 25 30

Ile Ser

<210> 8511
<211> 31
<212> PRT
<213> Homo sapiens

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<400> 8511
Leu Lys Ser Xaa Leu Glu Thr Ser Tyr Ile Ser Leu Phe Asn Ile Xaa

7536

1	5	10	15											
Lys	Glu	Thr	Asn	Cys	Gln	Gly	Leu	Cys	Arg	Gln	His	Xaa	Ile	Ser
			20					25					30	

<210> 8512

<211> 64

<212> PRT

<213> Homo sapiens

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<220>

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<400> 8512

Leu Ile Xaa Thr Thr Xaa Ser Glu Lys Pro Leu Pro Arg Ile Xaa Leu
1 5 10 15

Lys Arg Thr Trp Thr Xaa Xaa Leu Phe Thr Asp Trp Leu Ser Ser Gln
20 25 30

Glu Arg Thr Lys Ser Thr Thr Gly Ser Ser Arg Lys Ser Gly Xaa Xaa
35 40 45

Leu Glu Ile Xaa Arg Glu Xaa Gln Cys Ser Glu Gly Glu Xaa Thr Ser
50 55 60

<210> 8513

<211> 33

<212> PRT

<213> Homo sapiens

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<220>

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7538

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<400> 8513

Tyr	Thr	Cys	Ile	Val	Arg	Lys	Cys	Asp	Xaa	Ala	Arg	Val	Ser	Asn	Asn
1				5				10					15		

Xaa	Pro	Tyr	Lys	Pro	Gln	Gln	Xaa	Xaa	His	Leu	Ile	Phe	Arg	Lys	Lys
			20				25						30		

Arg

<210> 8514

<211> 76

<212> PRT

<213> Homo sapiens

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7539

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<222> (76)

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<400> 8514

Ala	Glu	Thr	Leu	Leu	Glu	Cys	Val	Xaa	Cys	His	Leu	Trp	Arg	Phe	Gly
1				5				10						15	

Leu	Xaa	Arg	Cys	Lys	Trp	Thr	Ala	Pro	Ser	Ala	Ala	Leu	Leu	Trp	Arg
			20					25					30		

Leu	Trp	Xaa	Glu	Glu	Leu	Val	Thr	Xaa	Val	Thr	Lys	Trp	Trp	Leu	Cys
		35					40					45			

Ala	Xaa	Leu	Pro	Xaa	Leu	Xaa	His	Gly	Pro	Ser	Val	Val	Arg	His	Leu
	50					55					60				

Gln	Arg	Xaa	Arg	Pro	Ala	Leu	His	Asp	Arg	Leu	Xaa
65					70					75	

<210> 8515

<211> 40

<212> PRT

<213> Homo sapiens

<220>

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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8515

Tyr	Gly	Glu	Thr	Arg	Leu	Thr	Phe	Gly	Lys	Ala	Ala	Thr	Pro	Ala	Gly
1				5				10						15	

Thr	Gly	Pro	Glu	Phe	Pro	Gly	Leu	Pro	Thr	Leu	Xaa	Leu	Lys	Ser	Cys
			20					25					30		

Cys	Phe	Phe	His	Lys	Lys	Lys	Lys
		35				40	

7540

<210> 8516

<211> 64

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8516

Arg	Arg	Xaa	Trp	Glu	Arg	Thr	Thr	Glu	Lys	Trp	Xaa	Asp	Val	Asp	Gly
1				5				10					15		

Val	Pro	Leu	Val	Ser	Ala	Leu	Val	Leu	Leu	Trp	Gly	Asn	Val	Leu	Tyr
			20					25					30		

Xaa	Phe	Lys	Gly	Leu	Cys	Gly	Gln	Glu	Ser	Leu	Gly	Asn	Thr	Val	Pro
		35					40					45			

Asn	Val	Cys	Lys	Pro	His	Asp	Pro	Ile	Gln	Leu	His	Asp	Ser	Phe	Tyr
	50					55					60				

<210> 8517

<211> 80

<212> PRT

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7541

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<222> (55)

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<400> 8517

His Gly Gly Ala Ala Xaa Ala Pro Arg Arg Gly Arg Ala Ser Arg Ala
1 5 10 15

Gly Ser Ala Pro Ala Leu Ser Arg Gly Gly Gly Ala Glu Asp Ala Pro
20 25 30

Ala Ala Gly Ala Ser Ala Leu Ser Glu Ala Gly Arg Ala Ala Asp Ala
35 40 45

Pro Gly Gln Gly Arg Glu Xaa Trp Arg Arg Arg Arg Met Ala Leu Thr
50 55 60

Gly Ala Val Ser Glu Pro Leu Arg Ser Pro Gly Glu Ala Trp Pro Ser
65 70 75 80

<210> 8518

<211> 43

<212> PRT

<213> Homo sapiens

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<400> 8518
Val Arg Asp Xaa Phe Gly Xaa Ala Pro Gly Pro Val Leu Pro Gly Arg
1 5 10 15
Pro Thr Arg Ala Lys Xaa Xaa Ile His Val Phe Glu His Leu Met Val
20 25 30
Xaa Thr Val Leu Asn Val Met Leu Gly Xaa Lys
35 40

<210> 8519
<211> 48
<212> PRT
<213> Homo sapiens

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7543

<400> 8519

Xaa Gly Asn Ala Pro Tyr Arg Val Arg Trp Asn Ala Arg Arg Tyr Arg
1 5 10 15
Ser Gly Ile Ser Gly Ser Thr His Ala Ser Gly Val Xaa Xaa Gly Leu
20 25 30
Gly Thr Thr Val Leu Met Glu Gly Glu Ala Thr Xaa Arg Lys Xaa Asp
35 40 45

<210> 8520

<211> 100

<212> PRT

<213> Homo sapiens

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<222> (2)

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<400> 8520

Xaa	Xaa	Tyr	Arg	Val	Arg	Trp	Asn	Ala	Arg	Arg	Tyr	Arg	Ser	Gly	Ile
1				5					10					15	

Xaa	Gly	Ser	Thr	His	Ala	Ser	Gly	Ala	Xaa	Arg	Asp	Gln	Ile	Arg	Glu
			20					25					30		

Pro	Val	Ser	Leu	Xaa	His	Gly	Leu	Arg	Arg	Pro	Arg	Val	Gly	Ala	Ala
		35					40					45			

Pro	Pro	Gln	Pro	Ala	Ala	His	Ala	His	Leu	Leu	Glu	Arg	Leu	Leu	Gln
	50					55					60				

Leu	Arg	Pro	Val	His	Arg	Leu	Pro	Gly	Ala	His	Ala	Ala	Gly	Pro	Ala
65					70					75					80

Leu	Ser	Asp	Ala	Gln	Leu	Ala	Ala	Pro	Asp	Leu	Leu	Gly	Leu	Leu	Xaa
				85					90						95

Ala	Xaa	Xaa	Xaa
			100

<210> 8521

<211> 56

<212> PRT

<213> Homo sapiens

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<400> 8521
Gly His Pro Ser Ala Arg Gly Asn Cys Leu Thr Gly Val Cys Leu Cys
1 5 10 15
Pro Phe Glu Pro Leu Xaa Phe Tyr Leu Ala Gln Ala Pro Arg Phe Met
20 25 30
Phe Ser Arg Ser Lys Leu Cys Met Xaa Ser Leu Arg Arg Leu Gly Glu
35 40 45
Glu Xaa Xaa Xaa Gln Xaa Trp Asp
50 55

<210> 8522
<211> 40
<212> PRT
<213> Homo sapiens

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

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<400> 8522

Arg	Glu	Lys	Cys	Pro	His	Leu	Leu	Xaa	Ser	Xaa	Ser	Leu	Thr	Xaa	Ser
1				5				10				15			

His	Xaa	Leu	Xaa	Ser	Asp	Pro	Xaa	Phe	Thr	Xaa	Asp	Leu	Pro	Leu	Leu
		20					25					30			

Arg	Ser	Ser	Ser	Ser	Xaa	Xaa	Thr
		35				40	

<210> 8523

<211> 32

7547

<212> PRT

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8523

Xaa Xaa Lys Ala Pro Val Arg Ile Trp Arg Val Asp Pro Arg Cys Pro

1

5

10

15

Xaa Xaa Phe Leu Leu Gly Asn Ala Xaa Asn His Val Leu Asp Glu Cys

20

25

30

<210> 8524

<211> 35

<212> PRT

<213> Homo sapiens

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<400> 8524
Gly Trp Asn Ala Arg Arg Tyr Arg Xaa Gly Ile Xaa Gly Ser Thr His
1 5 10 15
Ala Xaa Gly His Asn Xaa Gly Ser Pro Gly Leu Lys Gln Xaa Gly Trp
20 25 30
Asn Pro Gln
35

<210> 8525
<211> 54
<212> PRT
<213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8525
 Thr Thr Asp Xaa Ser Glu Thr Xaa His Tyr Arg Val Arg Xaa Asn Ala
 1 5 10 15
 Arg Arg Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Ser Gly Thr
 20 25 30
 Leu Leu Lys Phe Leu Cys Lys Leu Gly Leu Cys Xaa Ser Xaa Ser Cys
 35 40 45
 Val Ser Arg Thr Val Xaa
 50

<210> 8526
 <211> 64
 <212> PRT
 <213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>

7550

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8526
Thr Leu Xaa Xaa Ser Pro Xaa Glu Ser Ala Xaa His Ala Ser Asn Trp
1 5 10 15
Pro Thr Ala Cys Leu Ser Ala Asp Glu Leu Arg Ile Cys Lys Thr Val
20 25 30
Gln Leu Gln Gln Xaa Ser Leu Ser Arg Thr Ser Xaa Ala Thr His Xaa
35 40 45
His Arg Ile Ser Leu Xaa Ile Val Leu Cys Ser Ala Asn Gly Met Leu
50 55 60

<210> 8527
<211> 47
<212> PRT
<213> Homo sapiens

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7551

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<400> 8527
Tyr Xaa Xaa Asp Asp Leu Phe Pro Pro Cys Ala Gly Lys Arg His Arg
1 5 10 15
Arg Pro Gly Ile Ala Lys Leu Ser Leu Xaa Lys Asp Asp Leu Asp Xaa
20 25 30
Ser Arg Ala Xaa Ala Ser Ser Arg Arg Gly Arg Phe Val Lys Pro
35 40 45

<210> 8528
<211> 36
<212> PRT
<213> Homo sapiens

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7552

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8528

Tyr	Ala	Asp	Asp	Ile	Arg	Leu	Phe	Ser	Lys	His	Pro	Pro	Ser	Ser	Thr
1				5					10					15	

Glu	Cys	Asp	Val	Xaa	Pro	Gln	Xaa	Leu	Xaa	Gly	Leu	Arg	Trp	Xaa	His
			20					25					30		

Ser	Ser	Leu	Glu
			35

<210> 8529

<211> 27

<212> PRT

<213> Homo sapiens

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8529

Leu Pro Val Tyr Xaa Gly Xaa Leu Gly Thr Thr Arg Asn Leu Asn Ser

7553

1 5 10 15
 Lys Trp Pro Ser Xaa Xaa Thr Leu Cys Ile Xaa
 20 25

<210> 8530
 <211> 38
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (34)
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<400> 8530
 Xaa Thr Xaa Pro Lys Gln Ala Ser Arg Asn Ser Gly Arg Xaa Gln Gly
 1 5 10 15
 Cys Ser Val Gln Ala Thr Cys Val Ala Arg Xaa Xaa Leu Tyr Leu Leu
 20 25 30
 Phe Xaa Thr Asn Ala Ala
 35

7554

<210> 8531
<211> 34
<212> PRT
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<220>
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<400> 8531
Ile Gly Gly Ser Met Trp Ile Xaa Cys Leu Ile Ser Xaa Ala Ser Xaa
1 5 10 15
His Leu Leu Arg Ala Val Ile Glu Pro Ser Ser Xaa Ala Thr Gly Glu
20 25 30
His Met

<210> 8532
<211> 47
<212> PRT
<213> Homo sapiens

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7555

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 8532
 Trp Thr Xaa Xaa Arg Pro Xaa Gly Val Val Pro Asn Ser Ser Leu Xaa
 1 5 10 15
 Cys Arg Gln Asp Leu Asn Thr Asn Glu Ile Leu Gln Pro Leu Thr Glu
 20 25 30
 Asn Arg Ala His Arg Ser Ser Val Thr Lys Gly Glu Thr Leu Thr
 35 40 45

<210> 8533
 <211> 44
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8533
Xaa Val Asp Arg Ser Val Ser Xaa Ala Glu Pro Xaa Leu Pro Thr Leu
1 5 10 15
His Pro Arg Val His Phe Ser Ala Leu Xaa Leu Arg Xaa His Thr Thr
20 25 30
Asp Ser Thr Thr Thr Cys Xaa Gly Arg Arg Leu Ser
35 40

<210> 8534
<211> 56
<212> PRT
<213> Homo sapiens

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<222> (47)
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7557

<400> 8534

Asn Pro Leu Thr Thr Arg Arg Ala Pro Val Xaa Trp Ala Val Cys Leu
1 5 10 15
Gly Leu Trp Xaa Ser Xaa Asn Gly Arg Leu Xaa Ser Ala Pro Ile Arg
20 25 30
Thr Leu Glu Ser Gly Ser Ser Leu Met Ser Ser Arg Pro Pro Xaa Arg
35 40 45
Met Glu Gln Leu Leu Asp Gly Thr
50 55

<210> 8535

<211> 33

<212> PRT

<213> Homo sapiens

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<222> (26)

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<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8535

Gly Lys Xaa Pro Gly Thr Ser Trp Xaa Lys Gly Pro Pro Phe Xaa Gly
1 5 10 15
Lys Thr Gly Pro Arg Lys Lys Gly Arg Xaa Xaa Arg Ala Ala Thr Lys

7558

20

25

30

Pro

<210> 8536

<211> 34

<212> PRT

<213> Homo sapiens

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<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8536

Cys Leu Ile Ala Trp Leu Pro Xaa Ile Ser Thr Ile Ile Phe Leu Gly

1

5

10

15

Lys Phe Ser Phe Phe Cys Lys Pro Thr Ser Xaa Asp Xaa Xaa Asn His

20

25

30

Phe Leu

<210> 8537

<211> 15

<212> PRT

<213> Homo sapiens

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7559

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<400> 8537
Ser Ala Ala Xaa Xaa Ser Arg Gln Ser Ala Thr Ile Glu Ala Ala
1 5 10 15

<210> 8538
<211> 81
<212> PRT
<213> Homo sapiens

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7560

<222> (76)

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<400> 8538

Ala Pro Phe Pro Tyr Leu Ser Leu Leu Xaa Ser Pro Gly Leu Pro Leu
1 5 10 15

Met Thr Ser Pro Leu Pro Ser Thr Asp Leu Ile Phe Asn Ser Ala Thr
20 25 30

Pro Ser Ser Asn Pro Leu Xaa Phe Pro Ile Leu Leu Leu Xaa Cys Ile
35 40 45

Glu Gly Ser Met His Xaa Gly Val Ser Ser Gly Phe Arg Gly Pro Xaa
50 55 60

His Pro Xaa Ala Thr Leu Asp Leu Cys Pro Pro Xaa Pro Gln Ser Pro
65 70 75 80

His

<210> 8539

<211> 37

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8539

Arg Gln Ile His Ser Thr Xaa Xaa Val Arg Asp Pro Trp Ala Tyr Arg
1 5 10 15

Val Phe Pro Xaa Gln Cys Ala Glu Trp Lys Pro Leu Pro Asp Pro Phe
20 25 30

7561

Pro Asn Trp Ser Cys
35

<210> 8540
<211> 93
<212> PRT
<213> Homo sapiens

<400> 8540
Thr Lys Tyr Pro Pro Ile Lys Lys Val Ile Asn Trp Val Thr Glu Ala
1 5 10 15
Glu Ile Thr Ile Tyr Val Leu Gln Tyr Pro Ala Ala His Pro Asn Met
20 25 30
Glu Ala Gly Pro Pro Glu Ser Gly Glu Ser Thr Asp Ala Leu Lys Leu
35 40 45
Cys Pro His Glu Glu Phe Leu Arg Leu Cys Lys Glu Arg Ala Glu Glu
50 55 60
Ile Tyr Pro Ile Lys Glu Arg Asn Asn Arg Thr Arg Leu Ala Leu Ile
65 70 75 80
Ile Cys Asn Thr Glu Phe Asp His Leu Pro Pro Arg Asn
85 90

<210> 8541
<211> 120
<212> PRT
<213> Homo sapiens

<220>
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<400> 8541
Val Cys Gly Ala Glu Glu Gly Cys Gly Cys Cys Leu His Glu Gln Val
1 5 10 15
Glu Leu Glu Ala Lys Val Asp Ala Leu Asn Asp Glu Ile Asn Phe Leu
20 25 30
Arg Thr Leu Asn Glu Thr Glu Leu Thr Glu Leu Gln Ser Gln Ile Ser
35 40 45

7562

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Asp Thr Ser Val Val Leu Ser Met Asp Asn Ser Arg Ser Leu Asp Leu
  50                      55                      60

Asp Gly Ile Ile Ala Glu Val Lys Ala Gln Tyr Glu Glu Met Ala Lys
  65                      70                      75                      80

Cys Ser Arg Ala Glu Ala Glu Ala Trp Tyr Gln Thr Lys Phe Glu Thr
                      85                      90                      95

Leu Gln Ala Gln Ala Gly Lys His Xaa Asp Asp Leu Arg Asn Thr Arg
          100                      105                      110

Asn Glu Ile Ser Glu Met Asn Arg
      115                      120

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<210> 8542

<211> 72

<212> PRT

<213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

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<400> 8542
 Leu Pro Leu Ser Lys Leu Thr Leu Thr Lys Gly Asn Lys Xaa Trp Ser
 1 5 10 15
 Ser Thr Ala Val Ala Ala Ala Leu Glu Leu Val Asp Pro Pro Gly Cys
 20 25 30
 Lys Glu Ile Arg Xaa Asn Ser Gln Xaa Thr Ala Lys Val Xaa Xaa Thr
 35 40 45
 Pro Pro Xaa Ile Pro Ser Tyr Xaa Gly Pro Xaa Glu Ser Ser Cys Ser
 50 55 60
 Xaa Asn Gln Ala Xaa Phe Xaa Pro
 65 70

<210> 8543
 <211> 35
 <212> PRT
 <213> Homo sapiens

<220>
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7564

<222> (2)

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<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8543

Ala	Xaa	Xaa	Thr	Lys	Gly	Asn	Lys	Ser	Trp	Ser	Ser	Thr	Ala	Val	Ala
1				5				10					15		

Ala	Ala	Leu	Glu	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg	Asn	Ser	Ala	Arg
		20					25						30		

Val	Pro	Phe
	35	

<210> 8544

<211> 87

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8544

Val	Met	Lys	Val	Trp	Asp	Ala	His	Val	Thr	Ala	Val	Cys	Ser	Gln	Asp
1			5					10				15			

Ala	Ser	Glu	Leu	Val	Xaa	Lys	Leu	Gly	Ala	Asp	Asp	Val	Ile	Asp	Tyr
		20					25					30			

Lys	Ser	Gly	Ser	Val	Glu	Glu	Gln	Leu	Lys	Ser	Leu	Lys	Pro	Phe	Asp
	35					40					45				

Phe	Ile	Leu	Asp	Asn	Val	Gly	Gly	Ser	Thr	Glu	Thr	Trp	Ala	Pro	Asp
	50					55			60						

Phe	Leu	Xaa	Lys	Trp	Ser	Gly	Ala	Thr	Tyr	Val	Thr	Leu	Val	Thr	Pro
65				70					75					80	

7565

Phe Leu Leu Asn Met Asp Arg
85

<210> 8545

<211> 53

<212> PRT

<213> Homo sapiens

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8545

Val	Xaa	Leu	Xaa	Ile	Asn	Met	Leu	Ala	Phe	Ile	Pro	Val	Leu	Thr	Lys
1				5					10				15		

Lys	Ile	Asn	Pro	Arg	Ser	Thr	Glu	Ala	Ala	Ile	Lys	Tyr	Phe	Leu	Thr
			20					25					30		

Gln	Ala	Thr	Ala	Ser	Ile	Ile	Leu	Leu	Ile	Ala	Ile	Leu	Phe	Asn	Asn
		35					40					45			

Ile	Leu	Ser	Gly	Gln
				50

<210> 8546

<211> 92

<212> PRT

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<400> 8546
 Ile Asn Met Leu Ala Phe Ile Pro Val Leu Xaa Lys Lys Ile Asn Pro
 1 5 10 15
 Arg Ser Thr Glu Ala Ala Ile Xaa Leu Phe Pro His Ala Ser Xaa Arg
 20 25 30
 Ile Xaa Xaa Pro Ser Asn Gly Tyr Pro Leu Gln Gln Tyr Thr Leu Arg
 35 40 45
 Asn Asn Glu Thr Ile Thr Asn Thr Thr Xaa Gln Tyr Ser Ser Leu Asp
 50 55 60
 Lys His Xaa Gly Tyr Trp Gln Leu Lys Leu Gly Ile Ala Pro Leu Ser
 65 70 75 80
 Leu Leu Xaa Pro Xaa Arg Leu Pro Gln Gly Thr Pro

7567

85

90

<210> 8547

<211> 53

<212> PRT

<213> Homo sapiens

<400> 8547

Leu Pro Gln Leu Asn Gly Tyr Ile Glu Lys Ser Thr Pro Tyr Glu Cys

1

5

10

15

Gly Phe Asp Pro Ile Ser Pro Ala Arg Val Pro Phe Ser Ile Lys Phe

20

25

30

Phe Leu Val Ala Ile Thr Phe Leu Leu Phe Asp Leu Glu Ile Ala Leu

35

40

45

Leu Leu Pro Leu Pro

50

<210> 8548

<211> 179

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (160)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (175)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (178)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8548

Val Asn Ile Ala His Gln Ile Ser Leu Arg Ser Glu Ala Phe Phe His

1

5

10

15

Ala Met Thr Ser Gln His Glu Leu Gln Asp Tyr Leu Arg Lys Thr Ser

20

25

30

7568

Gln Ala Val Lys Met Leu Arg Asp Lys Ile Ala Gln Ile Asp Lys Val
 35 40 45
 Met Cys Glu Gly Ser Leu His Ile Leu Arg Leu Ala Leu Thr Arg Asn
 50 55 60
 Asn Cys Val Lys Val Tyr Asn Lys Leu Lys Leu Met Ala Thr Val His
 65 70 75 80
 Gln Thr Gln Pro Thr Val Gln Val Leu Leu Ser Thr Ser Glu Phe Val
 85 90 95
 Gly Ala Leu Asp Leu Ile Ala Thr Thr Gln Glu Val Leu Gln Gln Glu
 100 105 110
 Leu Gln Gly Ile His Ser Phe Arg His Leu Gly Ser Gln Leu Cys Glu
 115 120 125
 Leu Glu Lys Leu Ile Asp Lys Met Met Ile Ala Glu Phe Ser Thr Tyr
 130 135 140
 Ser His Ser Asp Leu Asn Arg Pro Leu Glu Asp Asp Cys Gln Val Xaa
 145 150 155 160
 Lys Glu Glu Arg Leu Ile Ser Leu Gly Phe Gly Phe Lys Thr Xaa Lys
 165 170 175
 Ala Xaa Phe

<210> 8549

<211> 165

<212> PRT

<213> Homo sapiens

<400> 8549

Glu Glu His Pro Leu Ser Leu Gly Asp Gln Val Thr Pro Ile Ile Asp
 1 5 10 15
 Leu Met Ala Ile Ser Asn Ala His Phe Ala Lys Leu Arg Asp Phe Ile
 20 25 30
 Thr Leu Arg Leu Pro Pro Gly Phe Pro Val Lys Ile Glu Ile Pro Leu
 35 40 45
 Phe His Val Leu Asn Ala Arg Ile Thr Phe Ser Asn Leu Cys Gly Cys
 50 55 60
 Asp Glu Pro Leu Ser Ser Val Trp Val Pro Ala Pro Ser Ser Ala Val

7569

65		70		75		80									
Ala	Ala	Ser	Gly	Asn	Pro	Phe	Pro	Cys	Glu	Val	Asp	Pro	Thr	Val	Phe
				85					90					95	
Glu	Val	Pro	Asn	Gly	Tyr	Ser	Val	Leu	Gly	Met	Glu	Arg	Asn	Glu	Pro
			100					105					110		
Leu	Arg	Asp	Glu	Asp	Asp	Asp	Leu	Leu	Gln	Phe	Ala	Ile	Gln	Gln	Ser
		115					120					125			
Leu	Leu	Glu	Ala	Gly	Thr	Glu	Ala	Glu	Gln	Val	Gly	Leu	Ala	Gln	Gly
	130					135					140				
Val	Gly	Ser	Gly	Leu	Cys	Arg	His	Thr	Ala	Glu	Val	Thr	Ala	Val	Gly
145					150					155					160
Ser	Gly	Gly	Cys	Arg											
			165												

<210> 8550

<211> 43

<212> PRT

<213> Homo sapiens

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<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8550

Ile	Gly	Gly	Ile	Thr	Ala	Pro	Thr	Val	Arg	Gln	Tyr	Tyr	Ala	Xaa	Leu
1				5					10					15	

7570

Thr Xaa Thr Gln Cys Lys Pro Val Xaa Thr Gln Cys Trp Val Phe Gly
 20 25 30

Val Ile Gly Phe Leu Gly Xaa Pro Leu Phe Ala
 35 40

<210> 8551

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (112)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8551

Gln Lys Ile Cys Leu Ile Gln His Glu Arg Cys His Thr Gly Lys Thr
 1 5 10 15

Pro Phe Val Cys Thr Glu Cys Gly Lys Ser Tyr Ser His Lys Tyr Gly
 20 25 30

Leu Ile Thr His Gln Arg Ile His Thr Gly Glu Lys Pro Tyr Glu Cys
 35 40 45

Asn Glu Cys Gly Lys Ala Phe Thr Thr Lys Ser Val Leu Asn Val His
 50 55 60

Gln Arg Thr His Thr Gly Glu Arg Pro Tyr Gly Cys Ser Asp Cys Glu
 65 70 75 80

Lys Ala Phe Ser His Leu Ser Asn Leu Val Lys His Lys Lys Met His
 85 90 95

Thr Arg Xaa Met Gly Arg Ile Ser Gln Val Glu Asn Ser Cys Asn Xaa
 100 105 110

Glu Ser Gln Leu Leu Pro Tyr Lys
 115 120

<210> 8552

7571

<211> 155

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 8552

Trp	Ile	Pro	Arg	Ala	Ala	Gly	Ile	Arg	His	Glu	Val	Ser	Gly	Ala	Ile
1				5				10					15		
Arg	Ala	Xaa	Pro	Asp	Gly	Thr	Ser	Trp	Ser	Cys	Glu	Gly	Thr	Gln	Gly
			20				25						30		
Gln	Glu	Lys	Met	Met	Met	Met	Gly	Pro	Lys	Glu	Glu	Glu	Gln	Ser	Cys
		35					40					45			
Glu	Tyr	Glu	Thr	Arg	Leu	Pro	Gly	Asn	His	Ser	Thr	Ser	Gln	Glu	Ile
	50					55					60				
Phe	Arg	Gln	Arg	Phe	Arg	His	Leu	Arg	Tyr	Gln	Glu	Thr	Pro	Gly	Pro
65					70				75						80
Arg	Glu	Ala	Leu	Ser	Gln	Leu	Arg	Val	Leu	Cys	Cys	Glu	Trp	Leu	Arg
				85				90						95	
Pro	Glu	Lys	His	Thr	Lys	Glu	Gln	Ile	Leu	Glu	Phe	Leu	Val	Leu	Glu
			100					105					110		
Gln	Phe	Leu	Thr	Ile	Leu	Pro	Glu	Glu	Leu	Gln	Ser	Trp	Val	Arg	Gly
		115					120					125			
His	His	Pro	Lys	Ser	Gly	Glu	Glu	Ala	Val	Thr	Val	Leu	Glu	Asp	Leu
		130				135					140				
Glu	Lys	Gly	Leu	Glu	Pro	Glu	Pro	Gln	Ser	Gln					
145					150					155					

<210> 8553

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

7572

<400> 8553

Val Trp Glu Gly Leu Gln Glu Thr Ala Xaa Ala Ser Gln Cys Ile Lys
 1 5 10 15

Gly Ser Thr Gln Val Lys Pro His Tyr Glu Cys Asp Glu Cys Gly Lys
 20 25 30

Ala Tyr Ile Ser His Ser Ser Leu Ile Gln Ser
 35 40

<210> 8554

<211> 68

<212> PRT

<213> Homo sapiens

<400> 8554

Pro Ile Leu Pro Leu Ser Thr Leu Lys Ala Trp Ser Gly Ala Ala Leu
 1 5 10 15

Thr Val His Leu Leu Phe Arg Pro Gln Ile Ala Leu Ser Pro Ser Asp
 20 25 30

Pro Leu Ser Cys Arg Pro Gly Asn Ala Cys Cys Gln His Arg Pro Leu
 35 40 45

Pro Gly Ser Ser Gly Gln Pro Gly Ala Gly Val Leu Arg Lys Pro Pro
 50 55 60

Pro Gln Ala Leu
 65

<210> 8555

<211> 733

<212> DNA

<213> Homo sapiens

<400> 8555

gggatccgga gcccaaatct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg 60
 aattcgaggg tgcaccgtca gtcttctctt tcccccaaaa acccaaggac accctcatga 120
 tctcccggaac tcctgaggtc acatgcgtgg tgggtggacgt aagccacgaa gacctgagg 180
 tcaagttaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
 ggctgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca acccccatcg 360
 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480
 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600

7573

acaagagcag gtggcagcag gggaaacgtct tctcatgctc cgtgatgcat gaggctctgc 660
acaaccacta cacgcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
gactctagag gat 733

<210> 8556
<211> 5
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (3)
<223> Xaa equals any amino acid

<400> 8556
Trp Ser Xaa Trp Ser
1 5

<210> 8557
<211> 86
<212> DNA
<213> Artificial Sequence
<220>
<221> Primer_Bind
<223> Synthetic sequence with 4 tandem copies of the GAS binding site found in the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)), 18 nucleotides complementary to the SV40 early promoter, and a Xho I restriction site.

<400> 8557
gcgccctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
cccgaaatat ctgccatctc aattag 86

<210> 8558
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<221> Primer_Bind
<223> Synthetic sequence complementary to the SV40 promoter and including a Hind III restriction site.

<400> 8558
gcggcaagct ttttgcaaag cctaggc 27

<210> 8559
<211> 271

7574

<212> DNA
<213> Artificial Sequence
<220>
<221> Protein_Bind
<223> Synthetic promoter for use in biological assays; includes GAS binding sites found in the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)).

<400> 8559
ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg 60
aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120
gcccctaact ccgcccagtt ccgcccattc tccgcccacat ggctgactaa ttttttttat 180
ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240
ttttggaggc ctaggctttt gcaaaaaagct t 271

<210> 8560
<211> 32
<212> DNA
<213> Artificial Sequence
<220>
<221> Primer_Bind
<223> Synthetic primer complementary to human genomic EGR-1 promoter sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); including an Xho I restriction site.

<400> 8560
gcgctcgagg gatgacagcg atagaacccc gg 32

<210> 8561
<211> 31
<212> DNA
<213> Artificial Sequence
<220>
<221> Primer_Bind
<223> Synthetic primer complementary to human genomic EGR-1 promoter sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); including an Hind III restriction site.

<400> 8561
gcgaagcttc gcgactcccc ggatccgcct c 31

<210> 8562
<211> 12
<212> DNA
<213> Homo sapiens

<400> 8562
ggggactttc cc 12

7575

<210> 8563

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<221> Primer_Bind

<223> Synthetic primer with 4 tandem copies of the NF-KB binding site (GGGGACTTCCC), 18 nucleotides complementary to the 5' end of the SV40 early promoter sequence, and a XhoI restriction site.

<400> 8563

gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg 60
ccatctcaat tag 73

<210> 8564

<211> 256

<212> DNA

<213> Artificial Sequence

<220>

<221> Protein_Bind

<223> Synthetic promoter for use in biological assays; including NF-KB binding sites.

<400> 8564

ctcgagggga ctttcccgga gactttccgg ggactttccg ggactttcca tctgccatct 60
caattagtca gcaaccatag tcccgccctt aactccgccc atcccgcccc taactccgcc 120
cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga 180
ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240
cttttgcaaa aagctt 256

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PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL ~~SEARCH REPORT~~

(PCT Article 17(2)(a), Rules 13ter and 39)

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International Patent Classification (IPC) or both national classification and IPC IPC(7): C07H 21/04 US CI: 536/23.1		
Applicant HUMAN GENOME SCIENCES, INC.		

This International Searching Authority hereby declares, according to Article 17(2)(a), that **no international search report will be established** on the international application for the reasons indicated below.

1. ☐ The subject matter of the international application relates to:
 - a. ☐ scientific theories.
 - b. ☐ mathematical theories.
 - c. ☐ plant varieties.
 - d. ☐ animal varieties.
 - e. ☐ essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes.
 - f. ☐ schemes, rules or methods of doing business.
 - g. ☐ schemes, rules or methods of performing purely mental acts.
 - h. ☐ schemes, rules or methods of playing games.
 - i. ☐ methods for treatment of the human body by surgery or therapy.
 - j. ☐ methods for treatment of the animal body by surgery or therapy.
 - k. ☐ diagnostic methods practiced on the human or animal body.
 - l. ☐ mere presentations of information.
 - m. ☐ computer programs for which this International Searching Authority is not equipped to search prior art.

2. ☐ The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

☐ the description
 ☐ the claims
 ☐ the drawings

3. ☒ The failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions prevents a meaningful search from being carried out.

☐ the written form has not been furnished or does not comply with the standard.
☒ the computer readable form has not been furnished or does not comply with the standard.

4. Further comments:
 The computer readable form is defective. See attached CRF Problem Report.

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